

20011025.qrp v02_n353.qrl.20011025

Date: Thu, 25 Oct 2001 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2353

QRP-L Digest 2353

Topics covered in this issue include:

- 1) [109478] Re: Guantanamo Bay
by "Tom" <n1tp@worldnet.att.net>
- 2) [109479] HTX-200 - 2meter qrp question
by Michael Goins <mgoins@usa.net>
- 3) [109480] Re: Measuring variable caps
by Stuart Rohre <rohre@arlut.utexas.edu>
- 4) [109481] star power
by "K. Babcock" <n8wvd@jackpine.com>
- 5) [109482] Re: Guantanamo Bay
by "Pat J. Whelton" <pwhelton@hal-pc.org>
- 6) [109483] Re: Intruders on 10 meters
by "Karl F. Larsen" <k5di@zianet.com>
- 7) [109484] NEQRP CW Net, 25 October 01, 8:30 PM EDT, 3.565MHz
by Chuck Ludinsky <cjl@mitre.org>
- 8) [109485] Which is which?
by "David & Jo Ann Lininger" <djlinin@positech.net>
- 9) [109486] Re: First time out with the MP1
by "David & Jo Ann Lininger" <djlinin@positech.net>
- 10) [109487] RE: Intruders on 10 meters
by "Len Revelle" <lenrev@ameritech.net>
- 11) [109488] Re: StarPower - Atwater Kent
by "ss lyon" <sslyon@megalink.net>
- 12) [109489] Re: Guantanamo Bay
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 13) [109490] Re: Guantanamo Bay
by Bruce Rattray <rattray@gpfn.sk.ca>
- 14) [109491] Re: First time out with the MP1
by WE7X@aol.com
- 15) [109492] mv1662 diodes
by "TC Dufresne" <tdufresne@neb.rr.com>
- 16) [109493] Re: Which is which?
by webmaster@steadynet.com
- 17) [109494] Re: Which is which?
by emtech@steadynet.com
- 18) [109495] Re: MP-1
by IamSF5@aol.com
- 19) [109496] 2m HT qrp?

- by Kenneth Hoglund <hoglund@wfu.edu>
- 20) [109497] Fw: HTX-202/404 battery replacement/repair
by "Walt Amos" <k8cv@netzero.net>
- 21) [109498] NiCd battery pack rebuilding
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 22) [109499] No-inductor 2 mtr projects
by "John Kirk" <ve6xt@hotmail.com>
- 23) [109500] About OPENING NiCd packs
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 24) [109501] Re: HTX-202/404 battery replacement/repair
by "ZOOM" <kandrparker@sympatico.ca>
- 25) [109502] VP5/WA2VYA @ 0342Z on 14.004
by David Gauding <david.gauding@bbs.galilei.com>
- 26) [109503] RE: Which is which? - diagram
by emtech@steadynet.com
- 27) [109504] YN4SU @ 0353Z on 14.005
by David Gauding <david.gauding@bbs.galilei.com>
- 28) [109505] RE: Which is which? - diagram
by emtech@steadynet.com
- 29) [109506] Re: Sending Slower than Copy
by George Gingell <k3tks@u1.abs.net>
- 30) [109507] URL Needed
by IamSF5@aol.com
- 31) [109508] Re: URL Needed
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 32) [109509] Re: Starpower Poll & Honor Roll
by George Gingell <k3tks@u1.abs.net>
- 33) [109510] Bliss Z-Match
by "Trevor Jacobs" <fxtech@earthlink.net>
- 34) [109511] Re: 2m HT qrp?
by "Karl F. Larsen" <k5di@zianet.com>
- 35) [109512] kz5 calls
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 36) [109513] Re: Working with vaccum tubes
by Shawn Upton <kb1ckt@yahoo.com>
- 37) [109514] Re: MP-1
by Bruce Muscolino <w6toy@erols.com>
- 38) [109515] RE: shorthand
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 39) [109516] Re: kz5 calls
by Bruce Muscolino <w6toy@erols.com>
- 40) [109517] Re: NiCd battery pack rebuilding
by "Mike Yetsko" <myetsko@insydesw.com>
- 41) [109518] Re: 2m HT qrp?
by "Mike Yetsko" <myetsko@insydesw.com>
- 42) [109519] [CONTEST] QRP Contest Calendar Oct 25-31
by Ken Newman <N2CQ@dandy.net>
- 43) [109520] Re: This WAS thing

by Bill Coleman <aa4lr@arrl.net>
44) [109521] Re: StarPower Poll
by Bradfield Brad-P53117 <Brad.Bradfield@motorola.com>
45) [109522] FW: ARLB046 FCC clarifies CORES amateur implementation
by Mike Gipe <mgipe@reliablemeters.com>
46) [109523] Re: Starpower Poll
by n7dma@mindspring.com
47) [109524] Re: 2m HT qrp?
by "Karl F. Larsen" <k5di@zianet.com>
48) [109525] Re: FW: ARLB046 FCC clarifies CORES amateur implementation
by "Tim A. King Jr." <iflyos@hotmail.com>
49) [109526] Re: ARLB046 FCC clarifies CORES amateur implementation
by "Blake Meinecke" <n4gi@tampabay.rr.com>
50) [109527] Re: kz5 calls
by Kr01a@aol.com
51) [109528] RE: kz5 calls
by russn7dw@cs.com
52) [109529] CW Reception
by "Karl F. Larsen" <k5di@zianet.com>
53) [109530] Re: Starpower Poll
by Mike Pupeza <mpupeza@sympatico.ca>
54) [109531] FOX: N2WW Thursday Evening
by "Marshall Emm" <mgemm@ntechnologies.com>
55) [109532] Magnetic Loops
by "Tim A. King Jr." <iflyos@hotmail.com>
56) [109533] RE: shorthand
by Bill Coleman <aa4lr@arrl.net>
57) [109534] Re: Magnetic Loops
by "Mike WA8BXN" <hubby2k@hotmail.com>
58) [109535] Re: 2m HT qrp?
by "Mike Yetsko" <myetsko@insydesw.com>
59) [109536] Re: 2m HT qrp?
by "Mike Yetsko" <myetsko@insydesw.com>
60) [109537] blue sky
by "carl seyersdahl" <carlseye@tampabay.rr.com>
61) [109538] Re: 2m HT qrp?
by Mike <mmorrow@companet.net>
62) [109539] Re: This WAS thing
by Bruce Muscolino <w6toy@erols.com>
63) [109540] Re: Starpower Poll & Honor Roll
by Stephan Greene <sgreene@patriot.net>
64) [109541] Re: Magnetic Loops
by Bruce Muscolino <w6toy@erols.com>
65) [109542] Re: Magnetic Loops
by "Bill Jones" <kd7s@psnw.com>
66) [109543] Re: Starpower Poll & Honor Roll
by "Mike Yetsko" <myetsko@insydesw.com>
67) [109544] Re: Magnetic Loops

by "John Dorson" <jdorson@Worldshare.net>
68) [109545] How I got into QRPing
by Alex <kr1st@amsat.org>
69) [109546] Re: new Extra exams??/
by IamSF5@aol.com
70) [109547] RE: QRP Antennas The MP-1
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
71) [109548] Re: Magnetic Loops
by Alex <kr1st@amsat.org>
72) [109549] Re: new Extra exams??/
by W2AGN <w2agn@pobox.com>
73) [109550] RE: QRP Antennas The MP-1
by "Tim A. King Jr." <iflyos@hotmail.com>
74) [109551] Re: How I got into QRPing
by Bill ROWLETT <kc4atu@yahoo.com>
75) [109552] qrp'ers
by "carl seyersdahl" <carlseye@tampabay.rr.com>
76) [109553] RE: QRP Antennas The MP-1
by Bill ROWLETT <kc4atu@yahoo.com>
77) [109554] FS HW8
by n2go@arrl.net
78) [109555] Morse Code to be included X-Files episode
by Rod Cercone <rod@n0rc.com>
79) [109556] Las Cruces, NM
by "Karl F. Larsen" <k5di@zianet.com>
80) [109557] TRADE: MFJ QRP Rigs
by NV9Z@aol.com
81) [109558] Truffel Hunt tonight
by "w8diz" <w8diz@fpqrp.com>
82) [109559] RE: QRP Antennas The MP-1
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
83) [109560] Swan Monobander--Clegg 99'er
by WA6GER@aol.com
84) [109561] Re: FW: ARLB046 FCC clarifies CORES amateur implementation
by "Trevor Jacobs" <fxtech@earthlink.net>
85) [109562] Zombie Shuffle tomorrow nite!
by "J. Medley" <jmedley@ix.netcom.com>
86) [109563] anything in louisville ky
by Bill ROWLETT <kc4atu@yahoo.com>
87) [109564] Re: This WAS thing
by Bill Coleman <aa4lr@arrl.net>
88) [109565] RE: kz5 calls
by "Len Revelle" <lenrev@ameritech.net>
89) [109566] Re: Garden size G5RV
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

Date: Wed, 24 Oct 2001 18:14:35 -0400
From: "Tom" <n1tp@worldnet.att.net>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [109478] Re: Guantanamo Bay
Message-ID: <00d401c15cd9\$44759620\$c4994d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For prefixes open:

<http://ac6v.com/prefixes.htm#8>

Tom, N1TP
Naples, Florida

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 24, 2001 4:32 PM
Subject: Re: Guantanamo Bay

>
> Bill, and gang,
>
> The changes in prefixes have affected every area of ham radio. How many
> of you remember when KZ5 was the Canal Zone?
>
> 73
>

Date: 24 Oct 2001 23:18:28 America/Fort_Wayne
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [109479] HTX-200 - 2meter qrp question
Message-ID: <20011024231828.1761.qmail@cpdvvg203.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Sort of a qrp vhf question - anyone on the list using this radio, or maybe

someone has used it in the past? Not much of a 2 meter guy, but thinking =
it
might come in handy occasionally. Don't know what they are worth used eit=
her.

Please reply direct only. Thanks.

mike

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

Date: Wed, 24 Oct 2001 18:21:55 -0500
From: Stuart Rohre <rohre@arlut.utexas.edu>
To: Bruce Muscolino <w6toy@erols.com>, qrp-l@lehigh.edu
Subject: [109480] Re: Measuring variable caps
Message-ID: <3BD74D13.5CE5DE41@arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yeah,

But I still like the GDO for high impedance work, as it does not load a
tank circuit, (parallel tuned) down, where the 50 ohm bridges of the MFJ
and Autek do, resulting in a very broad "dip" when used in Grid Dip
functions.

I was lucky to find a very good condition Millen, and a junker one for
spare parts, at past swap meets. There is just something "RF Right"
about metal cases with copper plated chassis!

Hi!

73,

Stuart K5KVH

Date: Wed, 24 Oct 2001 19:44:00 -0400
From: "K. Babcock" <n8wvd@jackpine.com>
To: <k3tks@u1.abs.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [109481] star power
Message-ID: <001601c15ce5\$c3c33160\$8fcec8d8@gorp>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yup. Inadvertently substituted my finger for a bleeder resistor across a 6146B when neutralizing an old Griefkit. Ouch.

never did it again

Kent, N8WVD
"Dogs look up to man, cats look down on man,
pigs look us right in the eye"

Date: Wed, 24 Oct 2001 19:08:43 -0500
From: "Pat J. Whelton" <pwhelton@hal-pc.org>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [109482] Re: Guantanamo Bay
Message-ID: <006c01c15ce9\$3726a760\$3398fea9@halpc.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yea, the Canal Zone loss and Houston's gain.

Pat - KZ5J

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, October 24, 2001 3:32 PM
Subject: Re: Guantanamo Bay

>
> Bill, and gang,
>
> The changes in prefixes have affected every area of ham radio. How many
> of you remember when KZ5 was the Canal Zone?
>
> 73
>

Date: Wed, 24 Oct 2001 18:30:32 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Fred Lesnick <flesnick@tbaytel.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [109483] Re: Intruders on 10 meters
Message-ID: <Pine.LNX.4.33.0110241828490.9017-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes Fred, they are the "NEW" CB operators using Ham equipment usually from Radio Shack, running 100 watts. I listen to them and am glad 10 is dead most of the time.....:-(

On Wed, 24 Oct 2001, Fred Lesnick wrote:

> Just went to do some operating on 10 meters QRP and came across 28.085
> and heard more cussing and swearing then I ever remember hearing at any
> given time on 11 meters.
> The 10 meter band is sure taking a beating by these so called
> intruders.
> Anyone else hear this stuff ?
> Fred
> VE3FAL
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Wed, 24 Oct 2001 20:31:15 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [109484] NEQRP CW Net, 25 October 01, 8:30 PM EDT, 3.565MHz
Message-ID: <3BD75D53.15F06008@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 25 October 2001, at 8:30 PM EDT (0030Z, 26 October 01) on or near 3.565 MHz. Net control operator for this week's 80M session will be Dennis,

K1LGQ, operating from Brookline, NH

We had an excellent net last week, with 12 participants and some of the best conditions so far this year. With the noise level down around S1-S2 and higher-than-normal signal levels, copy was easy. Check-ins included:

K1RC	John	Dracut, MA	599
W1PID	Jim	Sanbornton, NH	599
WA1CFX/M	Howard	Kennebunk, ME	579
W1CFI	Paul	Falmouth, MA	599
WB1HBE	John	Chelmsford, MA	599
KX1E	Bob	Portland, ME	579
N1EI	Charlie	Mansfield Ctr, CT	599
VE9WW	Bill	Moncton, NB	579
K1SWI	Dave	Colchester, CT	599
K8KFJ	Gary	Charleston, WV	579/QSB
AB8DF	Ed	Waterford, MI	579/QSB
K1CL	Chuck	Chelmsford, MA	net op

Thanks to everyone for QNI'ing. Hope you all stop by again this week to say hi to Dennis and everyone on the net.

72 DE K1CL,
Chuck.

Date: Wed, 24 Oct 2001 19:39:45 -0500
From: "David & Jo Ann Lininger" <djlinin@positech.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109485] Which is which?
Message-ID: <3BD71901.28606.674CE0@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Friends:

I'd like to build that little Emtech CPO that was discussed here a few weeks ago with my school radio club. Being an old teacher, I want to build one myself first, so there aren't any surprises for the kids. I've gathered all the parts together, the soldering iron is hot, and I see a problem. Which lead of that 2N6027 transistor is which? I can't see any markings on the case (remember, I said I'm an OLD teacher).

If anyone can help I'd appreciate it.

Thanks in advance.

73

David, KBOZKE
kb0zke@arrl.net
EM37kt home, EM37jv school

Date: Wed, 24 Oct 2001 19:46:50 -0500
From: "David & Jo Ann Lininger" <djlinin@positech.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109486] Re: First time out with the MP1
Message-ID: <3BD71AAA.20204.6DCA7F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> In addition to carrying a copy of your FCC license, you might also
> want to carry the instruction manuals to any equipment that you are
> using. They can be shown to authorities, and you'll at least be
> credible.

Instruction manuals are also handy when the radio decides to be
obstinate. They also provide good reading material while you are
just listening.

73

David, KBOZKE
kb0zke@arrl.net
EM37kt home, EM37jv school

Date: Wed, 24 Oct 2001 19:58:01 -0500
From: "Len Revell" <lenrev@ameritech.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109487] RE: Intruders on 10 meters

Message-ID: <JDEJKNHICDBPHBFOCEJMMEFLCLAA.lenrev@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

What ham gera from Radio Shack runs 100 watts?

Len Revelle N9IJ
AMA 60055 LSF 7492
QRP-ARCI#10923 QRP-L#2353
ARS#1099 Live Wire#529
lenrev@ameritech.net

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Karl F. Larsen
Sent: Wednesday, October 24, 2001 7:31 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Intruders on 10 meters

Yes Fred, they are the "NEW" CB operators using Ham equipment usually from
Radio Shack, running 100 watts. I listen to them and am glad 10 is dead
most of the time.....-(

On Wed, 24 Oct 2001, Fred Lesnick wrote:

> Just went to do some operating on 10 meters QRP and came across 28.085
> and heard more cussing and swearing then I ever remember hearing at any
> given time on 11 meters.
> The 10 meter band is sure taking a beating by these so called
> intruders.
> Anyone else hear this stuff ?
> Fred
> VE3FAL
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Wed, 24 Oct 2001 21:26:12 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <carlseye@tampabay.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [109488] Re: StarPower - Atwater Kent
Message-ID: <014301c15cf4\$08afd040\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You mean the Atwater Kent radio that weighed more than I did... the one that had the back off so's you could twist the loose speaker connector when it got cranky... the one that had the #27, 26 tubes with the HV cap on the top... that were SUPPOSED to have a metal can on them, and were fed by a husky #80 rectifier with 375 volts DC at what felt like 50 KVA when you hit the plate caps on the #27's while reaching in to replace the blown out dial light?... while Dad was trying to find Gabriel Heater on the dial? Nope. Never heard of it.

73

AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm
----- Original Message -----
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 24, 2001 4:28 PM
Subject: Re: StarPower Poll

> I might as well get my .02 c in here. I learned about hi- voltage MANY years ago, working on an atwater-kent radio, at the tender age of 13. does anyone here remember that radio??? I never forgot that lesson, even tho I went on to work on many hi-power transmitters over the years(up to 100 kw). just thinking about it makes it hurt even today.!!!
> carl / kz5ca
> ----- Original Message -----
> From: "Tim A. King Jr." <iflyos@hotmail.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Wednesday, October 24, 2001 8:14 AM
> Subject: Re: StarPower Poll
>
>
> > OK, I confess....during A.I.T. (Advanced Individual Training) in the
> Army,
> > I had a 51-BX bite me. It was during the final phase of instruction on
> this
> > radio, and for those of you not familiar with it, consists of separate
> plug
> > in modules. Well, the final RF amp consists of a few SMALL tubes, no, I
> > don't remember what tubes, but anyway, here I am, troubleshooting along,
> > checking voltages, and using a set of meter probes that don't have the
> > guards at the ends, and BLAMO!, I get knocked across the room. Needless
> to
> > say I discovered that the finals WERE getting all the HV they needed,
> and
> I
> > didn't even have to look at the meter to determine this. As a side
> note,
> > turns out the only thing wrong with the unit I was testing on was it
> needed
> > an alignment...the TX power was low. Figures...had I just tried to
> "crank
> > it up" instead of doing it the Army way, I wouldn't have this intense
> hatred
> > for that radio....
> >
> > 73,
> >
> > Tim A. King, Jr.
> > KG4MQD
> > Safety Officer, Hobby Park R/C Aircraft Club
> > Winston Salem, NC
> > AMA# 578668
> >
> > -----
> > Get your FREE download of MSN Explorer at
<http://explorer.msn.com/intl.asp>
> >
> >
>

Date: Wed, 24 Oct 2001 20:24:34 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [109489] Re: Guantanamo Bay
Message-ID: <200110250124.AA00923@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Bruce Muscolino <w6toy@erols.com> writes:

>The changes in prefixes have affected every area of ham radio. How many
>of you remember when KZ5 was the Canal Zone?

>

Oh yes! I remember KZ5TAN being a frequently heard example in the
15m novice segment back in the late 70s. Even worked him once. :-)
Wish I could have figured out as a young pup how to get a QSL out of him. :-/

72/73,

Todd, AG0T

Date: Wed, 24 Oct 2001 19:38:49 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [109490] Re: Guantanamo Bay
Message-ID: <Pine.LNX.4.33.0110241937500.4185-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I sure do remember it...in fact I have a KZ5 qsl card here..."nothing
endures but change"....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 24 Oct 2001 22:04:46 EDT
From: WE7X@aol.com
To: Bob.Fairbairn@motorola.com, qrp-l@lehigh.edu
Subject: [109491] Re: First time out with the MP1

Message-ID: <136.38cc04a.2908cd3e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I would suggest having a copy of your license, a copy of some literature about the radio, and a copy of a recent QRP related magazine, just for starters.

7 3,

Date: Thu, 25 Oct 2001 02:06:21 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: "2n2-40" <2n2-40@yahoogroups.com>
Cc: <qrp-1@lehigh.edu>
Subject: [109492] mv1662 diodes
Message-ID: <002d01c15cf1\$4331dea0\$89b41c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone know if the MV1662 diodes (D8 and 9) have the same pinout as the MV2115 diodes used in the older version of the filter? (2N2-40 rig)

I am building tonite and need to know.....Thanks

Tom

Date: Wed, 24 Oct 2001 19:20:06 -0700
From: webmaster@steadynet.com
To: djlinin@positech.net
Cc: qrp-1@Lehigh.EDU
Subject: [109493] Re: Which is which?
Message-ID: <3BD71466.24422.7355CA@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

with the flat facing you:

anode - gate - cathode

~Scott KC7MAS

On 24 Oct 2001, at 19:39, David & Jo Ann Lininger wrote:

> Friends:

>

> I'd like to build that little Emtech CPO that was discussed here a
> few weeks ago with my school radio club. Being an old teacher, I
> want to build one myself first, so there aren't any surprises for the
> kids. I've gathered all the parts together, the soldering iron is hot,
> and I see a problem. Which lead of that 2N6027 transistor is
> which? I can't see any markings on the case (remember, I said I'm
> an OLD teacher).

>

> If anyone can help I'd appreciate it.

>

> Thanks in advance.

>

>

>

> 73

>

> David, KBOZKE

> kb0zke@arrl.net

> EM37kt home, EM37jv school

>

>

Date: Wed, 24 Oct 2001 19:26:23 -0700
From: emtech@steadynet.com
To: qrp-1@Lehigh.EDU
Subject: [109494] Re: Which is which?
Message-ID: <3BD715DF.1365.79182A@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

with the flat facing you:

anode - gate - cathode

~Scott KC7MAS

On 24 Oct 2001, at 19:39, David & Jo Ann Lininger wrote:

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> few weeks ago with my school radio club. Being an old teacher, I
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> and I see a problem. Which lead of that 2N6027 transistor is
> which? I can't see any markings on the case (remember, I said I'm
> an OLD teacher).
>
> If anyone can help I'd appreciate it.
>
> Thanks in advance.
>
>
>
> 73
>
> David, KB0ZKE
> kb0zke@arrl.net
> EM37kt home, EM37jv school
>
>

Date: Wed, 24 Oct 2001 22:43:20 EDT
From: IamSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [109495] Re: MP-1
Message-ID: <16b.2dba9c6.2908d648@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 10/24/01 12:03:19 PM Eastern Daylight Time,
k5di@zianet.com writes:

<<

Later that evening Vern brought his vertical to our camp and we
had a shoot out between his vertical and my W3FF dipole on 20 meters. When
I got my dipole aimed right I was an s unit stronger. On 15 meters the
MP-1 beat out the W3FF dipole.

So my message is that the MP-1 is very well built and designed. It

will work on 80 through 10 meters but not well. Losses on 80, 40 and 30 meters are too high for QRP. On 20 up it is darn good. Add the tubing and elevate the base and the antenna will work fine.

>>

1 You say it's a good antenna but not to good on 80.40, & 30

2. You have to elevate off the ground.

How can you compare the dipole with the short vertical out in the field?

My modified mobile whip will cover 40 Meters with not tuner and loads nice into 20-Meters with the pill bottle tuner I made.

I work DX all over Europe on my SST on 20-M and my Norcal 40-A. on 40 Meters. Both put out appx 2.5 watts.

My total investment is under \$30.00.

My all band antenna is a 70 ft. long random wire tuned with a cheap MFJ random wire tuner I paid \$10.00 for.

All my CW is QRP so an antenna that has losses at QRP levels has no room in my shack.

Bob

WA2HOQrp <tm>

Date: Wed, 24 Oct 2001 22:57:28 -0400

From: Kenneth Hoglund <hoglund@wfu.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [109496] 2m HT qrp?

Message-ID: <3BD77F98.905DEDF3@wfu.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Since the topic has already been broached.....

I find I need a 2m HT for ARES work. In looking at various options, I've noticed that the rig power draw is often a big complaint. Efficiency in use of power is part of the QRP ethos, so I wonder what HT's list members would recommend for efficient, effective communication?

I'm looking for a basic 2m rig, but bells and whistles in an efficient package would be fine. I suspect that I'm not the only one on the list who could use some advice. Please send your suggestions to me off-list, and I'll post the results to all in a couple of days.

73

Ken KG4FGC

Date: Wed, 24 Oct 2001 11:31:02 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "List Qrp-l" <qrp-l@lehigh.edu>
Subject: [109497] Fw: HTX-202/404 battery replacement/repair
Message-ID: <000401c15d02\$82303640\$65eb5aa6@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try putting finger nail polish remover on the crack, it will dissolve the glue as it is acetone. Careful using that jack knife to pry and cut as you can end up in the emergency room.

Walt K8CV Royal Oak, MI

----- Original Message -----

From: "ZOOM" <kandrparker@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, October 23, 2001 11:54 PM
Subject: Re: HTX-202/404 battery replacement/repair

> The first challenge is opening the pack without damaging it. they are
> unfortunately designed to be throw away. If you can get it resonably
> opened, you can buy replacement batteries from tower hobbies and make your
> own pack to be put in the old case.

>

> Regards,
> Robert
> VE3RPF

>

> ----- Original Message -----

> From: TheRubins <hrubin1970@home.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Tuesday, October 23, 2001 11:18 PM
> Subject: HTX-202/404 battery replacement/repair

>

>

> > What's the best way to rebuild these NiCad power supplies?
> > Does anyone have a lead on who might retail them at a reasonable price?
> >

> > Please advise,
> > Howard, N3FEL

>

>

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Date: Wed, 24 Oct 2001 23:19:06 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: ZOOM <kandrparker@sympatico.ca>
Cc: <hrubin1970@home.com>, qrp-1 <qrp-1@lehigh.edu>,
<eax@w3eax.umd.edu>
Subject: [109498] NiCd battery pack rebuilding
Message-ID: <Pine.LNX.4.33.0110242314390.29486-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Actually, I have to disagree - the 202/404 battery packs were among the more re-buildable of the NiCd packs. Even more so for the original Icom versions (BP-8S was my personal favorite, as you could use an 02AT with a BP-8S as a personal protective device if walking alone at night - about 4 lbs!).

Anyway, just be careful NOT TO SHORT ANYTHING! I remember one of my old BP8 packs - it developed a short while on my belt. NiCds can dissipate a LOT of current because their internal impedance is quite low...and DAMN did that thing get HOT!!!

I pulled it off my belt and put it on the concrete outside. Fortunately, I guess I broke the short and it eventually did cool - after partially melting the plastic case.

Just be careful.

Scott N7JI

On Tue, 23 Oct 2001, ZOOM wrote:

> The first challenge is opening the pack without damaging it. they are
> unfortunately designed to be throw away. If you can get it resonably
> opened, you can buy replacement batteries from tower hobbies and make your
> own pack to be put in the old case.

>

> Regards,

> Robert

> VE3RPF

>

> ----- Original Message -----

> From: TheRubins <hrubin1970@home.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Tuesday, October 23, 2001 11:18 PM
> Subject: HTX-202/404 battery replacement/repair
>
>
> > What's the best way to rebuild these NiCad power supplies?
> > Does anyone have a lead on who might retail them at a reasonable price?
> >
> > Please advise,
> > Howard, N3FEL
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Thu, 25 Oct 2001 03:21:27 +0000
From: "John Kirk" <ve6xt@hotmail.com>
To: sdmarko@attglobal.net
Cc: qrp-1@lehigh.edu
Subject: [109499] No-inductor 2 mtr projects
Message-ID: <F196N00ktmzmVBCOWHJ00017bbb@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Steve:

I guess the short answer is - you cannot really get away from using inductors or crystals. Even a pll (synthesized) transceiver uses a reference crystal.

It is theoretically possible to use transmission lines (like cavities or coaxial stubs) in place of almost every tuned circuit in a 2 mtr rig, but they are large, sometimes mechanically complex, and by themselves, could not offer the kind of frequency stability you need.

You might find the odd kit out there where the inductors are etched traces on a pc board, which relieves you of the responsibility of making them, but they are still present, and the design will still feature a crystal.

If your query stems from "inductor anxiety", rest assured that we've all had to deal with the fact that we find them hard to evaluate, calibrate and

replicate.

You've probably noted that the recent discussion of capacitance measurement prompted a large volume of thoughtful commentary. Inductors are the same way, and many of the same methods are used to deal with the uncertainty. If you think you might enjoy homebrewing, you'll have to build or buy some test gear to assist in capacitance and inductance measurement at some point, so why not tackle it now?

On that topic, if you are new to building, most of us would start with something a little less ambitious than a 2 mtr rig. Plus, with used 2 mtr handhelds on offer for \$50 USD or so (and ex-commercial gear sometimes free for the taking), you gotta love homebrewing to tackle that one. Generally, lower frequency gear is easier to construct and debug (and, yes, debugging is integral to the activity - nothing works right the first time). Start with a direct conversion single-band receiver or similar project, and build on that experience. By the time you get to the all-singing, all-dancing 2 mtr box, inductors won't seem so fearsome!

Have fun
John VK2PV

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Date: Wed, 24 Oct 2001 23:22:14 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Walt Amos <k8cv@netzero.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109500] About OPENING NiCd packs
Message-ID: <Pine.LNX.4.33.0110242321180.29486-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, be careful with the knife - but I have also opened one or two by freezing them first - then whacking 'em along the seam.

On Wed, 24 Oct 2001, Walt Amos wrote:

> Try putting finger nail polish remover on the crack, it will dissolve the
> glue as it is acetone. Careful using that jack knife to pry and cut as you
> can end up in the emergency room.
>
> Walt K8CV Royal Oak, MI
>

> ----- Original Message -----

> From: "ZOOM" <kandrparker@sympatico.ca>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Tuesday, October 23, 2001 11:54 PM

> Subject: Re: HTX-202/404 battery replacement/repair

>

>

> > The first challenge is opening the pack without damaging it. they are
> > unfortunately designed to be throw away. If you can get it reasonably
> > opened, you can buy replacement batteries from tower hobbies and make your
> > own pack to be put in the old case.

> >

> > Regards,

> > Robert

> > VE3RPF

> >

> > ----- Original Message -----

> > From: TheRubins <hrubin1970@home.com>

> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> > Sent: Tuesday, October 23, 2001 11:18 PM

> > Subject: HTX-202/404 battery replacement/repair

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> > > Please advise,

> > > Howard, N3FEL

> >

> >

>

> -----

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>

--

Scott Rosenfeld ARS N7JI

541-684-9970 Eugene, OR Land o' much rain

If you find me on the air, I'm probably in my car

ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 24 Oct 2001 23:25:24 -0400

From: "ZOOM" <kandrparker@sympatico.ca>

To: <k8cv@netzero.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109501] Re: HTX-202/404 battery replacement/repair
Message-ID: <007a01c15d04\$af9deee0\$3294fea9@robertpa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I received an e-mail where the fellow used a vise to open up the case. the case released easily. The case will then open with no damage but use a towel or something soft to prevent gouges or scratches from the vise.

Here is his e-mail i received concerning this:

I'd no problem opening the pack by placing it in a vise and tightening it
>> slowly, the two halves just popped apart. It's a totally counter
>intuitive
>> process, you seem to be pusing the two halves together but lo and behold
>it
>> works!. The pack goes in the vise in such a way as the opening of the
>vise
>> is the least possible, that is you seem to be pressing the two halves of
>> the case together.
>>
>> I've found other plastic cases respond to this sort of treatment. I
>didn't
>> believe it when I was first told about it.
>>
>> Jim, VE2KN

----- Original Message -----

From: Walt Amos <k8cv@netzero.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, October 24, 2001 11:31 AM
Subject: Fw: HTX-202/404 battery replacement/repair

> Try putting finger nail polish remover on the crack, it will dissolve the
> glue as it is acetone. Careful using that jack knife to pry and cut as you
> can end up in the emergency room.

>
> Walt K8CV Royal Oak, MI
>

> ----- Original Message -----

> From: "ZOOM" <kandrparker@sympatico.ca>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, October 23, 2001 11:54 PM

> Subject: Re: HTX-202/404 battery replacement/repair
>
>
> > The first challenge is opening the pack without damaging it. they are
> > unfortunately designed to be throw away. If you can get it resonably
> > opened, you can buy replacement batteries from tower hobbies and make
your
> > own pack to be put in the old case.
> >
> > Regards,
> > Robert
> > VE3RPF
> >
> > ----- Original Message -----
> > From: TheRubins <hrubin1970@home.com>
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > Sent: Tuesday, October 23, 2001 11:18 PM
> > Subject: HTX-202/404 battery replacement/repair
> >
> >
> > > What's the best way to rebuild these NiCad power supplies?
> > > Does anyone have a lead on who might retail them at a reasonable
price?
> > >
> > > Please advise,
> > > Howard, N3FEL
> >
> >
>
> -----
> Sign Up for NetZero Platinum Today
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> <http://my.netzero.net/s/signup?r=platinum&refcd=PT97>

Date: Wed, 24 Oct 2001 22:42:26 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [109502] VP5/WA2VYA @ 0342Z on 14.004
Message-ID: <5.1.0.14.0.20011024223745.00a8ac90@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

VP5/WA2VYA @ 0342Z on 14.004

Running stations on and off for a half hour near bottom of band. Sharp op!

Also, not too many callers - short waiting line.

Used Argo 509 at 1 watt to portable SLQ Vertical.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Wed, 24 Oct 2001 20:50:00 -0700
From: emtech@steadynet.com
To: qrp-1@Lehigh.EDU
Subject: [109503] RE: Which is which? - diagram
Message-ID: <3BD72978.8581.F8AAA@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I just made and uploaded a diagram to the webpage showing the
pinout of the 2N6027 PUT it is at:

<http://www.steadynet.com/cpo>

Date: Wed, 24 Oct 2001 22:53:29 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [109504] YN4SU @ 0353Z on 14.005
Message-ID: <5.1.0.14.0.20011024225046.00a8f4f0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

YN4SU @ 0353Z on 14.005

Ben running stations - no waiting - 599 into Midwest. Calling CQ at 0355Z

Used Argo 509 at 1 watt and portable SLQ Vertical.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Wed, 24 Oct 2001 21:18:41 -0700
From: emtech@steadynet.com
To: qrp-1@Lehigh.EDU
Subject: [109505] RE: Which is which? - diagram
Message-ID: <3BD73031.19242.29CDF3@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Man I need a day off, it is at:

<http://emtech.steadynet.com/cpo>

On 24 Oct 2001, at 20:50, emtech@steadynet.com wrote:

> I just made and uploaded a diagram to the webpage showing the
> pinout of the 2N6027 PUT it is at:
>
> <http://www.steadynet.com/cpo>
>

Date: Thu, 25 Oct 2001 01:36:45 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-1@Lehigh.EDU>
Subject: [109506] Re: Sending Slower than Copy
Message-ID: <Pine.BSF.4.33.0110250111410.99386-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I also like to use a Keyboard for CW. Mine is Homemade into an Old IBM Mainframe Terminal Orphan from a Hamfest Dumpster Barrel :^}

It uses the M68705 Keyboard from QST about 1988? Several Memories, which are real nice to have. I have places above the keys for Cheat Sheets for the Memories. I used 3X5 Cards and Tape in early days, Now I Have Magnetic Strips above the keys and matching Magnetic Backed Business Cards.

Yep, I sold that stuff for a while also. Life time supply in stock. :^}

George's (W5YR) comments about keyboard Macros reminded me of this idea.

In the days before the keyboard, I had several 3x5 & 5x7 Cards above the keyer/rig at the desk. One for UTC/STD Time Conversion, One for All of the Frequencies I was Allowed to use, Lest I forget and get a "Pinkie"

The Q Signal Chart, and The QSO NOTES. Name, QTH, RST, CITY, STATE, Occupation, Telephone Numbers, Clothing sizes, :^} You know, all that stuff that we talk about to other hams, but never tell the family.

I also had a Special Set of Cards for the QRP NETS. Net, Time, Freq. Day/night of week, and Net Q-Sigs and Abbreviations. Then the Cards for each net, with Roll Call for that net, CALLSIGN, NAME, QTH, RIG, ANT. PWR. Name of XYL/YL Etc.

One other thing that I did back then was to sit down at the computer and have a practice session of the QRP NET is if it was happening in real time. That way, you get to pretend that you are several stations and QRM as well :^} After the Typing Practice is over and you save the file as plain ASCII Text, you switch over to the Morse Tutor Program (Several versions here) and set the CW Speed at 30 WPM and let it rip in playback mode. Maybe some day I can recover those files on the HD and Share them with others. I also made Audio Tape Recordings of QRP Nets which were always fun to play back in the car on the way to work. I actually added a QNI to the list now and then. Funny how you can hear some down in the mud on the tape that you missed during the live session.

Hope some of these comments will prove useful to those of you who are just starting out in the Wonderful World of QRP.

May the Force (QRPP} be with you...

Sir George, The First :^{

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 25 Oct 2001 02:02:12 EDT
From: IamSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [109507] URL Needed
Message-ID: <c9.177b08ab.290904e4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Can someone send me the URL of the MP-1?
I do have a FT 747 GX that runs 100 Watts.
I'd really like to read up on it.
I was under the impression that it was really designed for the FT 817 and now
I see that it's not that good for QRP on the 80,40,and 30 meter bands
Thanks
Bob
WA2HOQrp <tm>

Date: Thu, 25 Oct 2001 06:35:47
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: IamSF5@aol.com, qrp-l@Lehigh.EDU
Subject: [109508] Re: URL Needed
Message-ID: <F200HzBGj3TX7Zbuf3Z00017e5d@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

The MP-1 is no good for qrp on 40? Bummer. I guess I must not be having the fun making contact with it there that I thought I was having! Does that mean I really do have to carry a 100 foot tower and full sized 40 meter yagi in my backpack? The site for the MP-1 is <http://www.superantennas.com/> For those that say its too expensive, if you compare it to a set of hustle resonators and the mast etc the cost is not so bad, and its compact storage size is very valuable for some applications (like camping). No one antenna will be the best one for everyone, nor will any be the worst for everyone. One may be able to build their own antenna with similar band coverage much more cheaply while others prefer to pay the reasonable price for something already built with materials they can't easily get and tools they don't have. YMMV (your milage may vary)!

73/72 - Mike, WA8BXN

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Thu, 25 Oct 2001 05:08:55 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [109509] Re: Starpower Poll & Honor Roll
Message-ID: <Pine.BSF.4.33.0110250423330.3150-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a Partial Membership List for the STARPOWER Group. The Name of the Group "StarPower", was chosen to reflect the nature of our group.

"StarPower Electromotive Force and Radio Frequency Energy Research International Group".

Membership is open to anyone who is willing to share their Experiences with the Force {StarPower} in any of it's forms. The intent is to Deter Membership in the "Dark Side of the Force".

We thank all of those who have joined us so far and look forward to many more who will yet decide to join and share their experiences.

A Quote from A.R.R.L. and QST. "SWITCH TO SAFETY !"

Lest we forget those great watchwords of the past.

Some of you have responded directly to me with your Membership Tales, which I have added to the Group Archives.

Some have responded directly to qrp-l and have had your tale posted in the qrp-l Archives.

The Purpose of this Group is to Share Experiences with others in order that we may assure the continued enjoyment of our pursuit to happiness thru the construction and testing of all manner of electrical and electronic devices.

Be they AC-DC, Battery, Solar, R.F., A.F., Magnetic, Laser or whatever form they might take.

I will list only the Callsigns of the Honor Roll of the Brave of "StarPower", Those who have Shared their Experience for the benefit of Others.

K3TKS, K9UM0/7, KD1JV, KG4MQD, KZ5CA, N8WVD, 3-LAND-NOCALL, NV4T, VA7NO, W5YR, Your Call Here ?

May the memories of the forces of "StarPower" be with you always.

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.

Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Founder of StarPower, for the Advancement of Research and the
Development of Safe QRP Construction and Testing Practices.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 25 Oct 2001 03:23:07 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [109510] Bliss Z-Match
Message-ID: <020401c15d3f\$0b2e6fc0\$13e4b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone out here own one of the Bliss Z-Match Balanced Line Tuners??? Looks like the ultimate BLT! Any comments??? The web page is at <http://www.tomstubes.com/antenna-tuner/index.htm> He has a QRO and a smaller version 150 watts.

72/73
Trev
KG6CYN

Date: Thu, 25 Oct 2001 05:57:15 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Kenneth Hoglund <hoglund@wfu.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [109511] Re: 2m HT qrp?
Message-ID: <Pine.LNX.4.33.0110250554390.1409-100000@cannac.fun>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Ken, the Yaseu FT-817 has a great VHF/UHF 5 watt capability. You have 200 memories for all those special frequencies and of course it has the tone access you need on some repeaters. It also covers 6 meters and the entire HF band as well...

On Wed, 24 Oct 2001, Kenneth Hoglund wrote:

> Since the topic has already been broached.....
>
> I find I need a 2m HT for ARES work. In looking at various options, I've
> noticed that the rig power draw is often a big complaint. Efficiency in
> use of power is part of the QRP ethos, so I wonder what HT's list
> members would recommend for efficient, effective communication?
>
> I'm looking for a basic 2m rig, but bells and whistles in an efficient
> package would be fine. I suspect that I'm not the only one on the list
> who could use some advice. Please send your suggestions to me off-list,
> and I'll post the results to all in a couple of days.
>
> 73
> Ken KG4FGC
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Thu, 25 Oct 2001 08:11:57 -0400
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109512] kz5 calls
Message-ID: <005401c15d4e\$3ee4d160\$2e211c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have seen several references to the KG4 and KZ5 call areas and just this morning a comment about a KZ5TAN. I have met a number of former canal zone

hams, both on the air and in person, but I never knew there were any calls issued down there with 2x3 call signs. Can anyone perhaps clarify that situation?? When I got my call sign down there around 1959 or 1960 I was told that all calls were 2x2, so I never questioned the powers that were there at that time. there was a net operating up here , I believe on 20 mtrs.that was all ex kz5 hams.

I got my kz5 call back about 2 years ago, and found out that most hams down there had to take panama calls around 1985 or so. Sure glad I wasn't there. there is one call I remember that I'm still curious about, KZ5SD. anyone heard of that one??

HISTORY!!!

carl / kz5ca

Date: Thu, 25 Oct 2001 05:34:41 -0700 (PDT)
From: Shawn Upton <kb1ckct@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [109513] Re: Working with vaccum tubes
Message-ID: <20011025123441.75629.qmail@web10105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Date: Wed, 24 Oct 2001 10:00:17 -0400
From: "Mike Yetsko"
To: "Low Power Amateur Radio Discussion" ,

I thought in the days before 'physically polarized' plugs you had to have an isolated chassis, with at most a high value resistor to one of the AC leads? (I seem to recall an old Panasonic stereo receiver I had that used a 1Meg resistor. If you flipped the AC plug over, you could feel the difference if you ran the back of a finger very lightly over the chassis.)

Mike

On the S-38, at least from the schematic for the S-38C, it is the same--only it is a 470k || .05uF. Not blazingly hot at all, but I could be mistaken.

KB1CKT

Date: Thu, 25 Oct 2001 08:40:17 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: IamSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [109514] Re: MP-1
Message-ID: <3BD80831.4FB9231E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

Careful, there is no antenna that has no losses! But what you are saying has its points. The MP-1 is an electrically short antenna. Some compromises are made to shorten that antenna. Among them are radiation efficiency.

A quick look at the Radio Amateur's Handbook, or any good Antenna Handbook, will show you the effect of shortening an antenna. Attenuation on many dB can exist. It comes with the territory, but you do have an antenna and that is infinitely better than no antenna!

QRP with an electrically short antenna works well, especially in times of good sunspot cycles. Wait about 5 years and see where we are then!

73

Date: Thu, 25 Oct 2001 07:52:15 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'aa4lr@arrl.net'" <aa4lr@arrl.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [109515] RE: shorthand
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA0C1E7D60@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

You're absolutely correct, Bill! You only have to identify YOUR station's callsign.

It is, however, a "nicety" to stick in the other station's call so others who might be listening and want to QSO with him will know the callsign to use in calling.

Karl K - W8TIF

McKinney, Texas

-----Original Message-----

From: Bill Coleman [SMTP:aa4lr@arrl.net]
Sent: Wednesday, October 24, 2001 3:40 PM
To: Low Power Amateur Radio Discussion
Subject: Re: shorthand

On 10/4/01 3:25 PM, baltimoremd@baltimoremd.com at
baltimoremd@baltimoremd.com wrote:

>> In a formal sequence, yes, but the formal exchange isn't always
>> necessary. In a DX pileup, Fox hunt, or contest, we don't send the other
>> operators call at all. we just send our own. The other operators on the
>> frequency seem to be able to figure out what's going on.

>

>

>Can you point out the section of the FCC regs that state the above?

Can you point me to the FCC regulation that states you have to send the
other station's call?

As I read 97.119(a), you only have to identify your station 1) at the end
of a communication and 2) every ten minutes.

Read for yourself:

<<http://www.arrl.org/FandES/field/regulations/news/part97/>>

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 25 Oct 2001 08:56:40 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: carlseye@tampabay.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [109516] Re: kz5 calls
Message-ID: <3BD80C08.26A4D436@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think you will find that most all "US territory" calls were of the 2C2
variety, except maybe for large territories like Puerto Rico. There
just weren't enough hams there to justify 2X3's.

Date: Thu, 25 Oct 2001 09:25:28 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ham@w3eax.umd.edu>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109517] Re: NiCd battery pack rebuilding
Message-ID: <00ad01c15d58\$f837db80\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Assuming you have a RS pack! Due to the commonality of the packs with other vendors, and aftermarket suppliers, there's a lot of radios out there that don't have original packs. And they are all pretty much interchangeable. About the only problems I've encountered is that there are two different 'shape/sizes' to the little 'moon' or 'crescent' punch that is used to 'catch' the pack with a retaining hook. The two different schemes can make some packs fall off too easily on some radios and on others be a bear to remove.

As to NiCads, yes, they have an INCREDIBLE amount of current capability for their size.

In fact, if you build up packs of AA cells to get over 12v for example to try to get 5W out of some HTs, they sometimes won't work. You start bumping the current limits of the cells. But, instead of using 10AA alkalines to get 15v you build up 12 AA NiCads, you can pull a LOT more current before the internal resistance of the cells cause limiting.

One of the reasons NiCads work so well in devices like drills and soldering irons and alkalines don't. I have a small wire-wrap gun that uses 2 C cells, and alkalines just barely work. NiCads work fine.

Do a 'dead short' current test on a regular battery. Then do it on an alkaline. Then CAREFULLY do it on a NiCad (and better put your meter into the HIGH CURRENT setting!). You might be very surprised.

No wonder shorting a NiCad setup melts the insulation right off the wires...

Mike

----- Original Message -----

From: Scott Rosenfeld [N7JI] <ham@w3eax.umd.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, October 24, 2001 11:19 PM

Subject: NiCd battery pack rebuilding

> Actually, I have to disagree - the 202/404 battery packs were among the

> more re-buildable of the NiCd packs. Even more so for the original Icom

> versions (BP-8S was my personal favorite, as you could use an 02AT with a

> BP-8S as a personal protective device if walking alone at night - about 4

> lbs!).

>

> Anyway, just be careful NOT TO SHORT ANYTHING! I remember one of my old

> BP8 packs - it developed a short while on my belt. NiCds can dissipate a

> LOT of current because their internal impedance is quite low...and DAMN

> did that thing get HOT!!!

>

> I pulled it off my belt and put it on the concrete outside.

Fortunately,

> I guess I broke the short and it eventually did cool - after partially

> melting the plastic case.

>

> Just be careful.

>

> Scott N7JI

>

> On Tue, 23 Oct 2001, ZOOM wrote:

>

> > The first challenge is opening the pack without damagijng it. they are

> > unfortunately designed to be throw away. If you can get it resonably

> > opened, you can buy replacement batteries from tower hobbies and make your

> > own pack to be put in the old case.

> >

> > Regards,

> > Robert

> > VE3RPF

> >

> > ----- Original Message -----
> > From: TheRubins <hrubin1970@home.com>
> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > Sent: Tuesday, October 23, 2001 11:18 PM
> > Subject: HTX-202/404 battery replacement/repair
> >
> >
> > > What's the best way to rebuild these NiCad power supplies?
> > > Does anyone have a lead on who might retail them at a reasonable
price?
> > >
> > > Please advise,
> > > Howard, N3FEL
> >
>
> --
> Scott Rosenfeld ARS N7JI
> 541-684-9970 Eugene, OR Land o' much rain
> If you find me on the air, I'm probably in my car
> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>
>
>

Date: Thu, 25 Oct 2001 09:35:34 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [109518] Re: 2m HT qrp?
Message-ID: <00be01c15d5a\$23bccc60\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree, the 817 is a great rig for functionality.

But from a 'QRP power' perspective it's absolutely terrible... If the short power life of the internal batteries is acceptable to your use, then it's fine. But remember, the original poster wanted to know (ok, he 'implied' that he wanted to know) more about rigs from the standpoint of power life.

With that in mind, I long ago decided to stop fighting the battery wars when I needed an HT for an 'event'. I have (ok, I never finished it) a 'belt clip' that is made up of 3 of the nylon battery holders that hold

2 standard "C" cells. This is a total of 6 cells, in series, and it clips onto a belt and flexes between the holders. I took an old telephone handset cord and just cut the small modular plug off and put on a standard RJ11. This now plugs into a battery pack that has no batteries installed, but has an RJ11 jack.

Now I have enough battery power to last many days if needed. The HT is easy to use too since the cord is so flexible.

Why "C" cells? I originally was going to use "Sub-C" NiCads. But if the rig was used somewhere for an extended time, it might have to be recharged. By using a 'standard' cell size, I could use NiCads if I wanted to, and then switch to "C" alkalines as necessary. And "C" cells are available almost anywhere. Why not "D"? That would be overkill, and wouldn't buy me much more than the "C". The "C" cell was a bit of a change from the "sub-C" in size, but I wanted something a bit more 'standard'. I thought about using AA cells, but that didn't buy me anything. Then I thought about using a 'tandem' setup of AA cells. 12 of them in a 6x2 array to double the MAH rating. But once I made that mental leap, then the "C" started looking more and more the way to go.

Now, if I ever do get an 817, I might just extend my belt clip pack to 8 batteries, or even 10.

Mike

Date: Thu, 25 Oct 2001 09:42:10 -0400
From: Ken Newman <N2CQ@dandy.net>
To: epaqrp-1@Lehigh.EDU, QRP-L@Lehigh.EDU, njqrp@njqrp.org,
n9avg@amsat.org
Subject: [109519] [CONTEST] QRP Contest Calendar Oct 25-31
Message-ID: <3.0.6.32.20011025094210.007de100@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

October 25 to 31, 2001



~~~~~  
40 METER FOXHUNTS

Fox Hunt - Thursday 9PM Eastern Time US - Begins 10/25

Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesday 9PM Eastern Time US - Begins 10/30

Info: <http://www.qsl.net/k5di/fox/>

Truffle Hunt - Thursday 8:30PM Eastern Time US - Begins 10/25

Info: http://fpqrp.com/pig_hunt.html
~~~~~

Zombie Shuffle (CW) \*\*\* QRP CONTEST \*\*\*

Oct 26 - Local Sundown to Local Midnight (Any 4 hour period)

Rules: <http://www.geocities.com/n0qt/zombie.htm>  
~~~~~

CQ WW DX Contest (SSB) ... QRP Category

Oct 27 - 0000z to Oct 28 - 2400z

Rules: <http://cqww.com/2001rules.htm>
~~~~~

Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.NJQRP.org>

<http://www.N3EPA.org>

<http://www.qsl.net/cqrp/>  
-----

Date: Thu, 25 Oct 2001 09:59:57 -0400

From: Bill Coleman <aa4lr@arrl.net>

To: <lejek@erols.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [109520] Re: This WAS thing  
Message-ID: <20011025140104.NWOM29108.imf01bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/5/01 9:00 PM, Larry Cahoon at lejek@erols.com wrote:

>Rule #1. The rare state is the one you don't have.  
>Rule #2. You hear that state every day after you work them the first time.

I gave up on WAS a long time ago. I'm working toward 5BWAS.

Why? Well, it happened the year I (almost) got a clean sweep in the 1988 November Sweepstakes Phone contest. With 100 watts, I worked all 50 states in a weekend. Somehow, that took the challenge out of WAS. (Of course, I've learned since then that working the stations is the easy part of WAS -- collecting the cards is another issue entirely) I did it again in the next 5 succeeding times I entered that contest ( I skipped 1991 due to a sore throat, 1994 because I was moving ).

If you want to fill out your WAS, I suggest strongly that you plan to participate in the upcoming November Sweepstakes contest, in the mode of your choice (or both!). You'll find every state in the union will be active (plus lots of Canadian stations), and eager to work you. With a bit of determination, you can work every state.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 25 Oct 2001 09:21:46 -0500  
From: Bradfield Brad-P53117 <Brad.Bradfield@motorola.com>  
To: "'k3tks@u1.abs.net'" <k3tks@u1.abs.net>,  
      "QRP-L - Message Posting (E-mail)" <qrp-l@lehigh.edu>  
Subject: [109521] Re: StarPower Poll  
Message-ID: <ED53441FBBAD311B85000508B95104D03F211FE@tx14exm03.ftw.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
      charset="iso-8859-1"

Good morning Sir George - -

Yes, I can readily (but sheepishly) admit that I've definitely seen stars before. And I do mean STARS!

Probably my most shocking (that's a pun) event was working on a 5 kW AM broadcast transmitter. I was swapping out the PA tube, and had disconnected the 240 VAC 3-phase power to the transmitter. However, I had neglected to disconnect the 120 VAC single-phase circuit, as "I THOUGHT" that this only kept the crystal ovens up to temperature (important), and powered the exciter, which I was no where near. Unbeknownst to me, the single-phase circuit also powered the door interlock circuit. Anyway, with the rear panel removed, I reached about a foot into the back of the transmitter to remove the PA bottle, and when I did, one arm brushed against the exposed terminals on the rear panel interlock microswitch. With the other arm firmly against the transmitter chassis, the current flowed from one arm to the other, picked me up, and unceremoniously deposited my butt heavily on the concrete floor about four feet back from the transmitter, in which position I sat counting stars for a good five to ten minutes before I quit twitching enough to stand. Needless to say, I learned my lesson on that transmitter.

I've also gotten zapped plenty of times working on TV sets (Darned aquadag!), Ford spark coils, Tesla coils, AN/URC-9's, and most anything else containing lethal voltages.

72 es 73,

Brad, W5CGH

=====

Brad Bradfield, W5CGH

(H) 940-321-2960

(W) 817-245-8079

w5cgh@arrl.net

QRP-L #377

ARS #72

-----

Date: Thu, 25 Oct 2001 07:47:51 -0700

From: Mike Gipe <mgipe@reliablemeters.com>

To: "QRP-L list (E-mail)" <qrp-l@Lehigh.edu>

Subject: [109522] FW: ARLB046 FCC clarifies CORES amateur implementation

Message-ID: <F988E2FF74F4D111A61F00A0C949D7A964BB57@mission>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

SB QST @ ARL \$ARLBoGuS046

ARLBoGuS046 FCC clarifies CORES amateur implementation

The FCC confirmed today that the new Extra class test will comprise 50 questions: 3 questions covering technical topics, 2 questions about proper operating practices, and 45 questions concerning proper use of the CORES licensing system, including TIN, ULS, and ATIN usage. All VECs are to begin using the new question pool beginning November 21.

-----  
Date: Thu, 25 Oct 2001 10:59:39 -0400

From: n7dma@mindspring.com

To: qrp-l@lehigh.edu

Subject: [109523] Re: Starpower Poll

Message-ID: <Springmail.105.1004021979.0.44824900@www.springmail.com>

Ok, I'll come clean. Back in my days of innocence (read ignorance), as a fresh 16 yr old novice (1975 or so), I foolishly erected a vertical antenna right where a good windstorm brought it down on the 2.5kV high tension lines behind my parents house. I got my younger brother to help me pull it down. A good wind gust came along, just as we grabbed the mast to pull it away from the wires, and shorted the antenna to the power lines. Next thing I knew, we were on the ground about 10 feet from where we used to be. The power company had to come out and remove the antenna from the power lines, and everyone in the neighborhood gathered around to watch the spectacle. They took us to the hospital to check us over, called my parents away from work, and gave me a scathing lecture. We were very lucky to have survived. I still remember my tongue being so swollen, I couldn't talk for a few minutes, and the ringing in my ears! I learned my lesson about antenna placement the hard way!

72

Karl, N7DMA

-----  
Date: Thu, 25 Oct 2001 09:06:05 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Mike Yettsko <myetsko@insydesw.com>

Cc: <k5di@zianet.com>,

Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [109524] Re: 2m HT qrp?

Message-ID: <Pine.LNX.4.33.0110250900400.1800-100000@cannac.fun>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mike you have never measured the current draw of a garden type HT. They are terrible too! Mine is 90 MA squelched and 180 with a voice. This is just a tiny bit less than the 817.

I carry a 4.5 amp-hour gel cell. I get 24 hours of service from this battery so I fail to see a QRP power problem.

On Thu, 25 Oct 2001, Mike Yetsko wrote:

> I agree, the 817 is a great rig for functionality.  
>  
> But from a 'QRP power' perspective it's absolutely terrible... If the  
> short power life of the internal batteries is acceptable to your use,  
> then it's fine. But remember, the original poster wanted to know  
> (ok, he 'implied' that he wanted to know) more about rigs from the  
> standpoint of power life.

I didn't get that. I got he wanted a rig for emergency net service.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Thu, 25 Oct 2001 11:15:18 -0400  
From: "Tim A. King Jr." <iflyos@hotmail.com>  
To: mgipe@reliablemeters.com, qrp-l@Lehigh.EDU  
Subject: [109525] Re: FW: ARLB046 FCC clarifies CORES amateur implementation  
Message-ID: <F14519FopYC98Bi89Qt00010dee@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Geez...after reading this, I better hurry up and upgrade, else I will never make Extra after Nov. 21....I mean, heck, have you seen the study guide for ULS?!?!?!?!?!?!?!?

Tim A. King, Jr.  
KG4MQD

Safety Officer, Hobby Park R/C Aircraft Club  
Winston Salem, NC  
AMA# 578668

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."

Albert Einstein (1879-1955)

-----Original Message Follows-----

From: Mike Gipe <mgipe@reliablemeters.com>  
Reply-To: mgipe@reliablemeters.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: FW: ARLB046 FCC clarifies CORES amateur implementation  
Date: Thu, 25 Oct 2001 07:47:51 -0700

SB QST @ ARL \$ARLBoGuS046  
ARLBoGuS046 FCC clarifies CORES amateur implementation

The FCC confirmed today that the new Extra class test will comprise 50 questions: 3 questions covering technical topics, 2 questions about proper operating practices, and 45 questions concerning proper use of the CORES licensing system, including TIN, ULS, and ATIN usage. All VECs are to begin using the new question pool beginning November 21.

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Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

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Date: Thu, 25 Oct 2001 11:31:49 -0400  
From: "Blake Meinecke" <n4gi@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109526] Re: ARLB046 FCC clarifies CORES amateur implementation  
Message-ID: <001601c15d6a\$2c833f40\$6a01a8c0@mburton>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

<<45 questions concerning proper use of the CORES  
licensing system, including TIN, ULS, and ATIN usage.>>

LOL!! These are the answer choices for those 45 questions:

- A) Don't Bother
- B) Spend hours downloading and installing "one-time-use" crappy software
- C) Pay W5YI to do it for you

73  
Blake M. Meinecke N4GI

-----  
Date: Thu, 25 Oct 2001 11:34:00 EDT  
From: Kr01a@aol.com  
To: qrp-l@lehigh.edu  
Subject: [109527] Re: kz5 calls  
Message-ID: <d3.a4f24d.29098ae8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi All,

The call mentioned, KZ5TAN, was a novice class call. Canal Zone novices had the novice "N" identifier added as the last letter of the suffix to identify the user as a novice class operator. If or when the operator upgraded, the "N" was removed from his call and it went to the normal 2X2 call. I have quite a few of the KZ5xxN calls in my old QSL file such as JVN, BDN, FBN, CLN, MGN, DTN, KBN, etc. A lot of novices in those days would buy QSLs without the "N" last letter and hand print the "N" so that their QSLs could be used when they made general by not printing in that horrible "N" :>)

72/73, Mac, KR0I

-----  
Date: Thu, 25 Oct 2001 11:35:33 -0400  
From: russn7dw@cs.com  
To: carlseye@tampabay.rr.com,  
qrp-l@lehigh.edu ("Low Power Amateur Radio Discussion")  
Subject: [109528] RE: kz5 calls

Message-ID: <12542D9E.5DB93D67.00AA9D39@cs.com>  
Content-Type: text/plain; charset=iso-8859-1

Hi to the gang,

I remember KZ5SD ("Salty Dog") from the late 50s. He was one of the local hams during my time in the Canal Zone. I heard him on the air from time to time and I probably worked him, but I don't recall meeting him personally. Can't recall his name - it's been a long time.

Novices in the Canal Zone added "N" to their suffix. Thus my callsign as issued was KZ5RD, but as a novice I was KZ5RDN. When I upgraded to General, the "N" was automatically dropped.

AFAIK, there was only one exception to the 2x2 pattern in the Canal Zone. KZ5USN was held by a Navy organization, possibly MARS but I don't know for sure. One Army MARS station used KZ5AA, and another was (I think) KZ5IF. Air Force MARS had KZ5AF. KZ5US was an individual, Ross, a personal friend who taught me a lot about electronics.

Side story: Ross taught me about electronics, then became a ham himself. Thus we were each other's Elmers. ;-) Ross is now retired and living in California, and we keep in contact by radio and other means.

OTQRP: One ham down there, Jim KZ5FC, built a little peanut whistle for 15 meters. Had a 6AQ5 as the final, modulated by another 6AQ5. Ran 2.5 watts INPUT on 15 meters AM, and had tons of fun with it.

73,  
Russ N7DW  
ex-KZ5RD, WA6CIE, WA6JCK, DL4DW, KQ6EP  
Hamming intermittently since 1957

"carl seyersdahl" <carlseye@tampabay.rr.com> wrote:

> I have seen several references to the KG4 and KZ5 call areas and just this  
> morning a comment about a KZ5TAN. I have met a number of former canal zone  
> hams, both on the air and in person, but I never knew there were any calls  
> issued down there with 2x3 call signs. Can anyone perhaps clarify that  
> situation?? When I got my call sign down there around 1959 or 1960 I was  
> told that all calls were 2x2, so I never questioned the powers that were  
> there at that time. there was a net operating up here , I believe on 20  
> mtrs.that was all ex kz5 hams.  
> I got my kz5 call back about 2 years ago, and found out that most hams down  
> there had to take panama calls around 1985 or so. Sure glad I wasn't there.  
> there is one call I remember that I'm still curious about, KZ5SD. anyone



>heard of that one??  
> HISTORY!!!  
> carl / kz5ca  
>  
>

-----  
Date: Thu, 25 Oct 2001 09:39:09 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-1@lehigh.edu>  
Subject: [109529] CW Reception  
Message-ID: <Pine.LNX.4.33.0110250915040.1800-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm old and recall in the old days with our crummy receivers we ran the audio at full volume and drove the RF Gain control to get a good copy on the desired station. Of course you turned off any automatic gain control.

Well here we are again. I don't have a narrow CW filter for my Yaesu FT-817 so I'm using my Radio Shack DSP audio filter for CW. The filter is wonderful, about 200 Hz wide at the narrow setting. This is fine BUT, if you have a strong signal nearby, it will pump the AGC and keep you from good copy of the weak station. This is because the AGC is taken from a point before the DSP filter. Too bad but that's how it is.

What I want to do is turn off the AGC and have an RF Gain control. No problem! The 817 lets you do this and you turn up the audio and turn down the RF Gain and crank the DSP to narrow and you have a great CW receiver!

Many new Ham radios don't even have a RF Gain control. You can't turn off the AGC. The Kenwood TS-50 is not new but it's popular and I have 2 of them. They don't have a RF Gain control but you can turn AGC off. There are 3 attenuator settings. Not good...

Those who have said the 817 is a poor CW radio or a compromise CW radio are in error. It's a great CW radio both in receive and transmit. You can make the receiver as good as you need. The more I learn about the 817, the more I like it!

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

<http://www.qsl.net/k5di/>

-----  
Date: Thu, 25 Oct 2001 11:41:09 -0400  
From: Mike Pupeza <mpupeza@sympatico.ca>  
To: <qrp-1@lehigh.edu>  
Subject: [109530] Re: Starpower Poll  
Message-ID: <B7FDAAD4.D038%mpupeza@sympatico.ca>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Back in the mid 60's, I worked in the Mobile Radio Repair Shop of the Telephone Company. Some of our sets were GE Progress Line stuff which had a 6146 tube in a cage as the PA! As a joke, we would occasionally charge up a big electrolytic capacitor with the leads folded back, from the cap of the tube to ground, and then casually (carefully) lob it to one of the Newbies. We'd say "Here! Catch!".

The ensuing zap that they got caused us great mirth!

It didn't take long for them to jump out of the way when something would be lobbed to them! Of course, the next stage was to lob an old 6146 tube.

"Look at what you did!" we'd gleefully say as they avoided the tube, as it smashed into pieces at their feet!

Can't do that with transistors and ICs!

We were devils, I'm surprised we weren't all fired!

73

Mike VE3EQP.....>

-----  
Date: Thu, 25 Oct 2001 11:33:49 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@lehigh.edu  
Subject: [109531] FOX: N2WW Thursday Evening  
Message-ID: <3BD7F89D.31266.4DA57CA@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Larry's having e-mail problems again so he asked me to post his "notice"

N2WW will be one of the foxes tomorrow evening, Thursday, from 0100-0300Z.

He plans to start out somewhere around 7.042 and will be listening UP, as much as

3-4KHz. His  
exchange is rst CO LARRY 5W.

He says he will be working pretty fast as long as there is a pileup, then slow down as much as necessary later.

Good luck, and see you in the hunt!

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382  
--

-----  
Date: Thu, 25 Oct 2001 14:30:53 -0400  
From: "Tim A. King Jr." <iflyos@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [109532] Magnetic Loops  
Message-ID: <F150M3oryKFRJrzdDW6000117fd@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Guys,

Help...again...(I know some of you are wondering why I ask so many questions...one day I will try to answer a few.)

Is it reasonable to expect to get 20-10m from a magnetic loop antenna? I have obtained all the parts I need to build the loop talked about in the May 1994 issue of QST "you can build: A compact loop antenna for 30-12 meters"

I figure if it works 30-12, I should be able to get it to work 20-10. Then I can go about a loop for 40 & 30....

as usual any and all advice is appreciated..

Tim A. King, Jr.  
KG4MQD  
Safety Officer, Hobby Park R/C Aircraft Club

Winston Salem, NC  
AMA# 578668

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."

Albert Einstein (1879-1955)

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Date: Thu, 25 Oct 2001 14:42:22 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <Karl.Kanalz@allegiancetelecom.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109533] RE: shorthand  
Message-ID: <20011025184328.BHUF26158.imf15bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/25/01 8:52 AM, Kanalz, Karl at Karl.Kanalz@allegiancetelecom.com wrote:

>You're absolutely correct, Bill! You only have to  
>identify YOUR station's callsign.  
>  
>It is, however, a "nicety" to stick in the other station's  
>call so others who might be listening and want to QSO  
>with him will know the callsign to use in calling.

I don't disagree that it is nice to send the other guy's callsign. I just don't think it is often necessary. After all, the OTHER guy knows his callsign. The callsign he's interested in is YOURS.

After all, you don't want to hear:

W8TIF W8TIF W8TIF DE AA<static crash>R K

Even in contests, there are times when sending the other guy's call is

important. If too stations are CQing close together, you may have to send the call of the guy you are calling to make sure the wrong guy doesn't answer.

Or if you are working split, other ops may think you've gone daft calling a phantom station, or more than one station may be using the same split listening frequency. (It sometimes happens on 40m SSB -- weird)

Another reason to send the other guy's call is if you copied it wrong in the first place when he answered you, and you sent it back to him wrong the first time. That way he knows you corrected it.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 25 Oct 2001 18:45:19  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: iflyos@hotmail.com, qrp-1@Lehigh.EDU  
Subject: [109534] Re: Magnetic Loops  
Message-ID: <F205iLSOMBla1aoWgyQ00018a07@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Tim ---  
MFJ sells the magnetic loops in two models, one for 10 to 30 Mhz, and the other 40 - 15M so it would appear possible. Performance is a different question entirely, particularly at QRP power levels. I wonder if anyone has had any good luck with these small loops?

73/72 - Mike WA8BXN

-----  
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-----  
Date: Thu, 25 Oct 2001 14:44:33 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <k5di@zianet.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [109535] Re: 2m HT qrp?  
Message-ID: <005b01c15d85\$19119220\$6501a8c0@INSYDENT>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Mike you have never measured the current draw of a garden type HT.  
> They are terrible too! Mine is 90 MA squelched and 180 with a voice.  
> This is just a tiny bit less than the 817.

I just checked... My HT draws under 31ma at 12.1v when it's squelched.  
Unsquelched with soft volume of hiss on the speaker is 38ma. FULL  
volume on the speaker of hiss is only 140ma. (Using a speaker mic  
that may be higher impedance (and hence less power draw) than the  
internal speaker. I forgot to check it when I had it set up. Didn't  
check  
transmit, for environmental reasons.

Mike

-----  
Date: Thu, 25 Oct 2001 14:55:30 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109536] Re: 2m HT qrp?  
Message-ID: <006701c15d86\$a1e62560\$6501a8c0@INSYDENT>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You know, I really should set it up again and do the measurements  
with different voltages. That might be very interesting...

Say... Voltages of 13.8v, 12.0v, 9.6v, 9.0v, and 7.2v.

Conditions of squelched, unsquelched low (whisper) volume, moderate  
volume, and full bore volume, all audio being hiss just to be a  
'standard'.

And transmit (and show power out levels) if possible.

I'd use those voltages because they would be 'common'.

13.8 is car target voltage.  
12.0 is just a plain old standard and an 8-pack of alkalines.  
9.6v is an 8-pack of NiCads  
9.0 is a 6-pack of alkalines  
7.2 is a 6-pack of NiCads

I have both Radio Shack 6-pack shells and one aftermarket  
8-pack shell. Hmm, maybe 8.4v too, as there were some packs  
with 7 of the 2/3-AA cells.

If I get some free time...

Mike

-----  
Date: Thu, 25 Oct 2001 14:56:58 -0400  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109537] blue sky  
Message-ID: <00c501c15d86\$d321e7e0\$2e211c18@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Having found out what the "blue sky" digital readout is, I'd like to have  
one. If anyone has one they want to sell, built or unbuilt, I'm interested.  
It needs to have all pertinent paperwork with it. you can e-mail me direct  
if you'd like!!!! thanks!!!  
carl / kz5ca

-----  
Date: Thu, 25 Oct 2001 13:48:52 -0500  
From: Mike <mmorrow@companet.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [109538] Re: 2m HT qrp?  
Message-ID: <3BD85E94.3024@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> Mike you have never measured the current draw of a garden type HT.

> They are terrible too! Mine is 90 mA squelched and 180 with a voice.  
> This is just a tiny bit less than the 817.

It's about 200 mA less than the FT-817, which draws about 380 mA on receive.

Mike Morrow / KK5F

-----  
Date: Thu, 25 Oct 2001 15:03:11 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: aa4lr@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [109539] Re: This WAS thing  
Message-ID: <3BD861EF.CA261C78@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It seems to me that i read/heard that if you have them in your log entry you don't need cards anymore. At any rate, SS is probably the best of all places to find all states!

73

-----  
Date: Thu, 25 Oct 2001 15:28:44 -0400 (EDT)  
From: Stephan Greene <sgreene@patriot.net>  
To: George Gingell <k3tks@u1.abs.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [109540] Re: Starpower Poll & Honor Roll  
Message-ID: <Pine.LNX.4.10.10110251004000.12753-100000@tzion.greene.lan>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Oct 2001, George Gingell wrote:

> This is a Partial Membership List for the STARPOWER Group. The Name of the  
>  
> Membership is open to anyone who is willing to share their Experiences  
>  
> with the Force {StarPower} in any of it's forms. The intent is to Deter  
>

Hi. My name is Steve ["Hi Steve!"], now KA1LM, and I'm going to share two experiences from my youth.



After I earned my General, I scraped together my lawn mowing and allowance money and bought a Galaxy GT550 (big Class-B final amplifier, about 700-800V on the plates if I recall). I decided after several years of use that the finals had "gone soft" and replaced them. The manual described the required "neuturalization" procedure, which involved adjusting a trimmer cap WHILE THE TRANSMITTER IS ON AND THE PROTECTIVE COVER OFF.

So I get out the insulated screwdriver, put my other hand in my back pocket and start adjusting when BLAM! My arm spasms, flings the screwdriver backwards (where it stuck into the drywall) and I fall out of my chair. After the tingling goes away, I notice my index finger HURTS. My guess is my grip strayed off the handle and touched the UNINSULATED screwdriver and that the screwdriver wandered off the trimmer and touched something "hot". I was otherwise unhurt (the innocence of the late teen years!) and my mom wasn't aware I'd almost fried myself (which could have led to removal of radio gear from my list of activities....). And moving a poster took care of the hole in the wall. (My dad found it several years later when he remodelled my room)

Story #2: I lived in a college fraternity and we had a nice commercial-style kitchen (metal counter tops). One day, while making toast, I noticed a mild tingling while leaning against the counter and touching the metal case of the toaster. AHA! I know what this is! (once touched, you KNOW the force when you encounter it...). Quick grab my VOM and sure enough, the toaster case is HOT. I rounded up one of the upperclassmen EE majors (also a ham) just in case anyone questioned a non-EE's diagnosis (I was an aerospace engineering major). Someone with a car was dispatched to Leechmere's to get a replacement toaster and the faulty one was consigned to the dumpster (although I heard rumours some of the more, ahem, "eclectic", brothers were interested in experiments involving the toaster and mass consumption of fermented beverages...proof that an MIT education does not translate to common sense sometimes. But I digress.)

I feel much better now.

["Thank you Steve!"]

72 & 73

Steve KA1LM

---

|                   |                       |                     |
|-------------------|-----------------------|---------------------|
| Stephan A. Greene | sgreene@patriot.net   | ka1lm@amsat.org     |
| Herndon, VA       | 1-703-654-6032 office | 1-571-233-1194 cell |

---

-----  
Date: Thu, 25 Oct 2001 15:27:41 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: iflyos@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [109541] Re: Magnetic Loops  
Message-ID: <3BD867AD.ABA4661@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tim,

Magnetic loops work very well but can have some problems too. They radiate a very strong near field so if your antenna will be anywhere close to where your radio is it may cause problems. I had a MFJ unit. Worked from 10 to 30 MHz. At the time 10 meters was dead, but I did use it on 20. Near field radiation would cause my TS130V to lock up though.

They are inherently VERY narrow band antennas. This is also true of any short antenna too! You need to retune them if you so much move 5 kHz from your starting frequency. This also affects receive performance. Mine had the companion tuner. It worked very well!

Keeping those things in mind should help. Also note that there is a difference between multi-turn loops and single turn loops.

73

-----  
Date: Thu, 25 Oct 2001 11:32:33 -0700  
From: "Bill Jones" <kd7s@psnw.com>  
To: <hubby2k@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109542] Re: Magnetic Loops  
Message-ID: <002201c15d83\$6a2cbba0\$078d6bd1@j3s0p2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Small diameter transmitting loop antennas can easily rival full sized

dipoles mounted a half wave above ground. I have built and used my share of loops over the years and can attest to the fact that they are killer antennas, especially on 20 meters and up, if they are constructed properly and installed in the clear.

----- Original Message -----

From: "Mike WA8BXN" Performance is a different  
> question entirely, particularly at QRP power levels. I wonder if anyone  
has  
> had any good luck with these small loops?

-----  
Date: Thu, 25 Oct 2001 15:34:45 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109543] Re: Starpower Poll & Honor Roll  
Message-ID: <004d01c15d8c\$4d798a20\$6501a8c0@INSYDENT>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, there's the normal stories....

I'd been bit many times, and come to respect the force.

However in college I walked into a friends room and saw a hot dog sizzling on a paper plate.

A metal fork stuck in each end.

Alligator clips from a suicide cord clipped on each fork, leading to a wall socket.

Sometimes the brain just doesn't catch on in time. I touched the hot dog to see how warm it was getting...

Mike

-----  
Date: Thu, 25 Oct 2001 15:43:13 -0400  
From: "John Dorson" <jdorson@Worldshare.net>

To: <hubby2k@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109544] Re: Magnetic Loops  
Message-ID: <003301c15d8d\$4c5fc040\$bd91f4d1@atwork>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yes we have good luck with them. I am in Florida and a group of us go each week to a park on the banks of the Indian River where we set up out qrp stations and we each have loop antennas. They do perform very well.

For anyone interested check out: <http://www.geocities.com/aa5tb/loop.html>

John K2JHU...

----- Original Message -----

From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, October 25, 2001 6:45 PM  
Subject: Re: Magnetic Loops

>  
> Tim ---  
> MFJ sells the magnetic loops in two models, one for 10 to 30 Mhz, and the  
> other 40 - 15M so it would appear possible. Performance is a different  
> question entirely, particularly at QRP power levels. I wonder if anyone  
has  
> had any good luck with these small loops?  
>  
> 73/72 - Mike WA8BXN  
>  
>  
> -----  
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>  
>

-----  
Date: Thu, 25 Oct 2001 15:54:06 -0400  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [109545] How I got into QRPing  
Message-ID: <3BD86DDD.BFB463EE@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Hi there,

I just started on HF a couple of weeks ago. I thought I wouldn't be able to do much on HF from my little ground floor apartment so I never really bothered before. It's a 3 story building and I can't put any antenna outside, unfortunately.

I got me a IC-718 and thought that I least would have a somewhat reasonable SWL rig if TX wouldn't work out. I build a magnetic loop because it seemed to be the only viable solution for me space wise. Very quickly I found out that 100 Watts was getting me into everything electronic in my apartment (and probably the neighbor's too). So I throttled the power back to a 30 Watts and made my first contact; 5-7 in Austria (I'm in SC). Even those 30 Watts got me into a lot of electronics and I was afraid that I would get more of the neighbor's attention than I would care for and that the fun would be over soon. Somewhat disappointed with the situation I turned down the power to 5 Watts, thinking that nobody would be able to hear me on the bands. Boy, was I wrong!

During the past couple of weeks I worked the Caribbean, South America, Europe, Russia and the African continent, all with just 5 Watts on SSB and on various bands (20-10m) under various band conditions. It's frustrating at times though to trying to catch a DXpedition with all the powerhouses around, but after I worked it and still hear the powerhouse calling with its 1.5kW/9 element log periodic at 200 feet I have this big grin on my face.

Most people are amazed when I tell them that I'm only working with 5 Watts and an antenna that's only 3 feet in diameter and only 4 feet of the ground in the living room.

I corrected the problem working Austria on 30 Watt this past weekend by working it again on 5 Watts. :) Still a 5-5.

Just sharing some of the fun I'm having...

Have fun and 73,  
--Alex (KR1ST)

-----  
Date: Thu, 25 Oct 2001 15:51:31 EDT  
From: IamSF5@aol.com  
To: qrp-1@lehigh.edu

Subject: [109546] Re: new Extra exams??/  
Message-ID: <98.1c3b99c6.2909c743@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Can someone please give me more input on the new testing?  
I was getting ready to upgrade at the end of this month.  
Does this mean I have to buy a new set of tapes and a different book?  
More information is greatly appreciated.

Thanks

Bob

WA2HQrp <tm>

-----  
Date: Thu, 25 Oct 2001 15:54:17 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'Fairbairn Bob-C12509'" <Bob.Fairbairn@motorola.com>,  
"Hare,Ed, W1RFI" <w1rfi@arrl.org>,  
Subject: [109547] RE: QRP Antennas The MP-1  
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3A2D@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

> That old pickup is a pretty good groundplane eh!

Actually, probably not. Too many non-linear junctions. :-)

73,

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Fairbairn Bob-C12509 [mailto:Bob.Fairbairn@motorola.com]

> Sent: Wednesday, October 24, 2001 10:04 AM

> To: 'w1rfi@arrl.org'; Low Power Amateur Radio Discussion

> Subject: RE: QRP Antennas The MP-1

>

>

> That old pickup is a pretty good groundplane eh!

>

> -----Original Message-----

> From: Hare, Ed, W1RFI [mailto:w1rfi@arrl.org]

> Sent: Tuesday, October 23, 2001 4:28 PM

> To: Low Power Amateur Radio Discussion

> Subject: RE: QRP Antennas The MP-1

>

>

> The MP-1 was reviewed in the November issue of QST. I do

> note, though, that

> the reviewer is known to drive old pickup trucks and such and probably

> shouldn't be trusted. :-)

>

> 73,

> Ed Hare, W1RFI

> ARRL Lab

> 225 Main St

> Newington, CT 06111

> Tel: 860-594-0318

> Internet: w1rfi@arrl.org

> Web: <http://www.arrl.org/tis>

>

>

>

> > -----Original Message-----

> > From: Glenn Maclean [mailto:wa7spy@home.com]

> > Sent: Saturday, October 13, 2001 8:23 PM

> > To: Low Power Amateur Radio Discussion

> > Subject: QRP Antennas The MP-1

> >

> >

> > After renting a house for the past 3 1/2 years we had to move

> > out. We are in

> > the process of buying a house. In the interim we have moved

> > to a 2 bedroom

> > apartment with three little kids one dog and three cats. I

> > went from having

> > a Carolina Windom up at 55 feet to living in an apartment

> > complex that does

> > not allow antennas. I purchased one of Vern Wrights Super

> > Antennas the MP-1.

> > To me this is an amazing little antenna. I am able to set the

> > MP-1 up on a

> > small deck railing to our upstairs apartment. I was able to

> > work the Fists

> > Sprint today with lots of contacts on 10, 15 and 20 meters

> > with the MP-1. I

> > am able to do causal operating at night as well with the  
> > MP-1. Now I know  
> > this is not like having a big beam or nice dipole up high.  
> > The point is I am  
> > able to make contacts with this antenna when I want to. I  
> > take the antenna  
> > down when not using it. It can be set up in minutes. If you  
> > are looking for  
> > a portable antenna in a small package that you can set up in  
> > minutes without  
> > having to throw a line into trees. The MP-1 is the cats meow.  
> > This is my  
> > opinion of course. When we get settled into the new house I  
> > will be putting  
> > up a nice dipole or small beam. For now I am content with  
> > using the MP-1 and  
> > making contacts. Look for me at night on 30, 20, and 40  
> > meters depending on  
> > propagation. We will be in our new QTH in a couple of weeks  
> > from now or  
> > sooner.  
> >  
> > Glenn WA7SPY  
> > Sacramento, CA  
> >  
>

-----

Date: Thu, 25 Oct 2001 16:09:44 -0400  
From: Alex <kr1st@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [109548] Re: Magnetic Loops  
Message-ID: <3BD87188.12BD2B2E@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

"Tim A. King Jr." wrote:

> Is it reasonable to expect to get 20-10m from a magnetic loop antenna?

Absolutely. Mine works from 13.5 - 30 MHz.

> I  
> have obtained all the parts I need to build the loop talked about in the May  
> 1994 issue of QST "you can build: A compact loop antenna for 30-12 meters"



I used the same plan to build my loop, except I used a different capacitor. I use an old split stator capacitor, 3 - 15pF. For 17 and 20 meters I made capacitors out of small pieces of RG-58 which I can put in parallel with the tuning cap with an alligator clip. This construction probably brings the Q down, but it still works.

The bandwidth I get on 10 is about 130 kHz on 10 meters and a bit less than 20 kHz on 20 meters (1:2 SWR bandwidth.).

> I figure if it works 30-12, I should be able to get it to work 20-10. Then  
> I can go about a loop for 40 & 30....

As the article states, it depends on the smallest value of the capacitor whether or not you'll be able to work on 10 meters. You can always shorten the loop a bit to get on 10.

I used the rjeloop1.exe program to calculate the values, and they seem to be pretty accurate.

73,  
--Alex

-----  
Date: Thu, 25 Oct 2001 16:08:15 -0400  
From: W2AGN <w2agn@pobox.com>  
To: IamSF5@aol.com,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109549] Re: new Extra exams??/  
Message-ID: <0110251608150F.25562@njbirdman>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Thursday 25 October 2001 15:51, IamSF5@aol.com wrote:

> Can someone please give me more input on the new testing?  
> I was getting ready to upgrade at the end of this month.  
> Does this mean I have to buy a new set of tapes and a different book?  
> More information is greatly appreciated.  
> Thanks  
> Bob  
> WA2HQrp <tm>

--

They pretty well covered it, Bob. Better study up on CORES, ULS etc. That's

the biggies on the Extra these days. Start at <http://www.fcc.gov>, or do a search on CORES, ULS, ATIN. Forget all that old technical stuff. They figure you learned all that on your General/Advanced, and besides, most hams send their stuff back to the factory anyway.

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
-----

Date: Thu, 25 Oct 2001 16:05:01 -0400  
From: "Tim A. King Jr." <iflyos@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [109550] RE: QRP Antennas The MP-1  
Message-ID: <F134jeo4lB4BwOZxYS000011aef@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Nice to know, I was considering buying an old rusted out pick-up to use as a mobile ground plane....guess I can can that idea...HIHI

Tim, KG4MQD

-----Original Message Follows-----

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
> That old pickup is a pretty good groundplane eh!

Actually, probably not. Too many non-linear junctions. :-)

73,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: Fairbairn Bob-C12509 [mailto:Bob.Fairbairn@motorola.com]  
> Sent: Wednesday, October 24, 2001 10:04 AM  
> To: 'w1rfi@arrl.org'; Low Power Amateur Radio Discussion  
> Subject: RE: QRP Antennas The MP-1  
>  
>

> That old pickup is a pretty good groundplane eh!  
>  
> -----Original Message-----  
> From: Hare, Ed, W1RFI [mailto:w1rfi@arrl.org]  
> Sent: Tuesday, October 23, 2001 4:28 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: RE: QRP Antennas The MP-1  
>  
>  
> The MP-1 was reviewed in the November issue of QST. I do  
> note, though, that  
> the reviewer is known to drive old pickup trucks and such and probably  
> shouldn't be trusted. :-)  
>  
> 73,  
> Ed Hare, W1RFI  
> ARRL Lab  
> 225 Main St  
> Newington, CT 06111  
> Tel: 860-594-0318  
> Internet: w1rfi@arrl.org  
> Web: <http://www.arrl.org/tis>  
>  
>  
>  
> > -----Original Message-----  
> > From: Glenn Maclean [mailto:wa7spy@home.com]  
> > Sent: Saturday, October 13, 2001 8:23 PM  
> > To: Low Power Amateur Radio Discussion  
> > Subject: QRP Antennas The MP-1  
> >  
> >  
> > After renting a house for the past 3 1/2 years we had to move  
> > out. We are in  
> > the process of buying a house. In the interim we have moved  
> > to a 2 bedroom  
> > apartment with three little kids one dog and three cats. I  
> > went from having  
> > a Carolina Windom up at 55 feet to living in an apartment  
> > complex that does  
> > not allow antennas. I purchased one of Vern Wrights Super  
> > Antennas the MP-1.  
> > To me this is an amazing little antenna. I am able to set the  
> > MP-1 up on a  
> > small deck railing to our upstairs apartment. I was able to  
> > work the Fists  
> > Sprint today with lots of contacts on 10, 15 and 20 meters  
> > with the MP-1. I

> > am able to do causal operating at night as well with the  
> > MP-1. Now I know  
> > this is not like having a big beam or nice dipole up high.  
> > The point is I am  
> > able to make contacts with this antenna when I want to. I  
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> > down when not using it. It can be set up in minutes. If you  
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> > a portable antenna in a small package that you can set up in  
> > minutes without  
> > having to throw a line into trees. The MP-1 is the cats meow.  
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> > opinion of course. When we get settled into the new house I  
> > will be putting  
> > up a nice dipole or small beam. For now I am content with  
> > using the MP-1 and  
> > making contacts. Look for me at night on 30, 20, and 40  
> > meters depending on  
> > propagation. We will be in our new QTH in a couple of weeks  
> > from now or  
> > sooner.  
> >  
> > Glenn WA7SPY  
> > Sacramento, CA  
> >  
>

---

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

---

Date: Thu, 25 Oct 2001 13:16:34 -0700 (PDT)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: kr1st@amsat.org,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [109551] Re: How I got into QRPing  
Message-ID: <20011025201634.67331.qmail@web14207.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Well Alex, that is what it is all about. I have indoor  
antennas too and it is a surprise to the guy on the  
other end when he learns about the 4 watts to the  
indoor dipole or random wire. Makes for some fun  
QSO's.

Welcome to this madness of the QRPL. We are not all nuts, but it does help at times.

Good luck, have fun, and work lots of DX.

Bill, KC4ATU

---

Do You Yahoo!?  
Make a great connection at Yahoo! Personals.  
<http://personals.yahoo.com>

---

Date: Thu, 25 Oct 2001 16:25:32 -0400  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [109552] qrp'ers  
Message-ID: <012b01c15d93\$32a60000\$2e211c18@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just recently got onto this list and would like to find some qrp'ers in the tampa , FL, area. are there any out there????  
carl / kz5ca

---

Date: Thu, 25 Oct 2001 13:31:10 -0700 (PDT)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: iflyos@hotmail.com,  
                Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [109553] RE: QRP Antennas The MP-1  
Message-ID: <20011025203110.73483.qmail@web14203.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Do not give up hope Tim, if it has as much rust as the one being discussed, the rust just forms a bond across the junctions.

Bill, KC4ATU

---

Do You Yahoo!?  
Make a great connection at Yahoo! Personals.  
<http://personals.yahoo.com>

-----  
Date: Thu, 25 Oct 2001 17:01:31 -0400 (EDT)  
From: n2go@arrl.net  
To: qrp-l@Lehigh.EDU  
Subject: [109554] FS HW8  
Message-ID: <Pine.LNX.4.21.0110251654060.6916-100000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have for sale a Heath HW8 qrp transceiver. It has several mods that look very professional. Including new labeling to include RIT and filtering. RF out and received s meter, crystal calibrator and internal ac supply, audio amp and speaker. Small front panel mount headset jack and S0-239 jack on the back.

\$95 plus shipping.

73,

Jim n2go

-----  
Date: 25 Oct 01 15:01:15 MDT  
From: Rod Cerkoney <rod@n0rc.com>  
To: qrp-l@Lehigh.EDU  
Subject: [109555] Morse Code to be included X-Files episode  
Message-ID: <20011025210115.28035.qmail@uwdvg001.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

Form the Oct 24, 2001 ARRL "In Brief" newsletter:

"Morse Code to be featured on upcoming X-Files episode: Rob Ginkowski, WA=6CW,  
of Hollywood, California, served as a technical adviser to The X-Files st=ar  
Robert Patrick for an upcoming episode. Patrick's character, John Doggett=, was  
in a hospital bed, paralyzed, and was required to send a Morse code messa=ge by

tapping his index finger. WA6CW (who also works as an actor) taught Patri=ck how to tap out the message at about 5 WPM. "He was a fast learner," Ginko=wski commented. No word on what the message was, but it might be, "The truth i=s out there." The episode, entitled "4-D," is scheduled to air Sunday, December=9, on the Fox TV Network."

73, Rod N0RC

-----  
Date: Thu, 25 Oct 2001 15:05:46 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [109556] Las Cruces, NM  
Message-ID: <Pine.LNX.4.33.0110251503590.2746-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Are there any other QRP people in Las Cruces, NM? If your lurking here please drop me a line or call me at the telephone number below.

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Thu, 25 Oct 2001 17:17:09 EDT  
From: NV9Z@aol.com  
To: qrp-l@lehigh.edu  
Subject: [109557] TRADE: MFJ QRP Rigs  
Message-ID: <d.1c46d5ae.2909db55@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have an MFJ-9020 and MFJ-9040, both in excellent condition, and both with the keyer and cw filter modules installed. I would like to trade for a multi-band/multi-mode QRP rig. Please email me at NV9Z@aol.com. TNX 73/72

de Chris NV9Z

-----  
Date: Thu, 25 Oct 2001 17:22:06 -0400  
From: "w8diz" <w8diz@fpqrp.com>  
To: <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [109558] Truffel Hunt tonight  
Message-ID: <002501c15d9b\$1a5ed0a0\$39d81b41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey Gang...

I'll be the first Truffel tonight for the Truffel hunt.  
[http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)  
Starts 30 minutes before the FOX hunt, so here is  
a chance to warm up your station before the Fox Hunt.

I'll be calling at about 16-18 WPM...  
"cq fp cq fp de W8DIZ k"

Exchange is "rst state name power"  
Will hang out between 7044 and 7046

Sure glad yesterday's thunderstorm was yesterday :-)

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26  
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

-----  
Date: Thu, 25 Oct 2001 17:17:53 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [109559] RE: QRP Antennas The MP-1  
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3A30@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"

For permanent, single-band fixed operation, the "Hustler" type antennas are  
just fine, if all you can manage is a short whip. The MP-1 (and MP-2) claim



to fame is portability and relatively easy frequency agility. It would be approximately as efficient as the Hustler, but of course on the lower bands, the efficiency of either would be relatively low.

EZNEC modeling of the whip shows that the performance improves by about 6 dB by increasing the length of the section below the coil from the short 12" section to at least a 24" section. At one point, I used two 24" sections in series, for a pretty long antenna.

Vern donated an MP-2 prototype to the ARRL Lab, and I like the concept quite a bit. Right now it is on loan to one of our staff who is visually impaired. He had trouble adjusting the MP-1 by hand and is seeing how the MP-2 works out for him. He is controlling the motor from the shack, first peaking the band noise then fine tuning the SWR. (He has some vision, but doesn't see all that well at times.)

For "field" operation, I would probably select the MP-1. If I had to limit myself to 12" total length, I would use the short section, the coil and the collapsable whip top section. If I could "suitcase" it, I would bring two 24" base sections, the coil and either the 24" fixed whip or the collapsable whip and get a slightly more efficient antenna.

73,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: IamSF5@aol.com [mailto:IamSF5@aol.com]  
> Sent: Tuesday, October 23, 2001 9:25 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: QRP Antennas The MP-1  
>  
>  
> In a message dated 10/23/01 6:59:48 PM Eastern Daylight Time,  
> k5di@zianet.com  
> writes:  
>  
> <<  
> Yes, and his name is Ed, and he works somewhere in Newington, CT  
>  
> On Tue, 23 Oct 2001, Hare,Ed, W1RFI wrote:

>  
> > The MP-1 was reviewed in the November issue of QST. I do  
> note, though,  
> that  
> > the reviewer is known to drive old pickup trucks and such  
> and probably  
> > shouldn't be trusted. :-)  
> > >>  
> I read a lot about the MP-1 but it's a bit short for me and  
> to high in price.  
> I have a modified Hustler mobile whip and I use that more  
> then I do the 1/2  
> wave 40-Meter inverted "V"  
> I modified the coil, made taps and found the lowest SWR, then  
> adjusted the top  
> whip for a 1.3 to 1.  
> It's on the roof now with 4 radials  
> I live in a commercial building with 10 ft. Ceilings.  
> The roof is another almost full floor above me.  
> My QTH is 268 ft.ASL.  
> This puts my small whip way up in the clear and DX booms in  
> almost every  
> night on 40-Meters.  
> Some hams have Ham Sticks ground mounted and are working the  
> world on 5 watts.  
> Whatever you have, put it up, prune it, and start calling CQ  
> Bob  
> WA2HQrp <tm>  
>

-----  
Date: Thu, 25 Oct 2001 17:39:56 EDT  
From: WA6GER@aol.com  
To: qrp-l@lehigh.edu  
Subject: [109560] Swan Monobander--Clegg 99'er  
Message-ID: <a1.1d374a64.2909e0ac@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I think this is QRP related. Last evening was reading some 1974 QST's and came across an ad for the QRO version of the Swan Monobanders. I seem to recall that later they came out with a 15 watt (input?) version. If so, naturally I would like to find one.

Ditto a nice Clegg 99'er, assuming that QRP doesn't stop at 30mhz. hi.

jim, WA6GER

-----  
Date: Thu, 25 Oct 2001 14:08:34 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: Mike Gipe <mgipe@reliablemeters.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109561] Re: FW: ARLB046 FCC clarifies CORES amateur implementation  
Message-ID: <20011025220835.24882.qmail@earthlink.net>  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Hi Everyone,

Well, you almost got me Mike, HA! \$ARL"BoGuS" 046 -Good one Mike I got a laugh out of it! For those worried about the new license, Mike's just pullin yer leg. It was funny though. Too bad it didn't happen to fall on April 1st. The real message from the ARRL reads like this:

SB QST @ ARL \$ARLB046  
ARLB046 FCC clarifies CORES amateur implementation

ZCZC AG46  
QST de W1AW  
ARRL Bulletin 46 ARLB046  
>From ARRL Headquarters  
Newington CT October 24, 2001  
To all radio amateurs

SB QST ARL ARLB046  
ARLB046 FCC clarifies CORES amateur implementation

The FCC's Wireless Telecommunications Bureau has clarified several issues regarding Amateur Service implementation of the Commission Registration System--or CORES. Starting December 3, everyone doing business with the FCC--including amateur licensees--must obtain and use a 10-digit FCC Registration Number (FRN) when filing.

Amateur licensees now registered in the Universal Licensing System (ULS) already have been cross-registered in CORES and issued an FRN by mail. The FCC said it planned another cross-registration by November 28. Amateurs can check to see if they have an FRN via a ULS license search. Many Internet call sign servers, including ARRL's, also can provide this information.

Once CORES becomes mandatory, the FCC will 'auto-register' all amateurs who seek to register in ULS and will issue them an FRN. Amateurs then should use their FRN in place of their Taxpayer Identification Number (TIN--typically an individual's Social Security Number) when filing applications with the FCC. New or upgrade license applicants not previously registered in ULS will be registered automatically in both CORES and ULS when they provide a TIN on a license application filed through a Volunteer Examiner Coordinator.

Although both ULS and CORES will contain a licensee's FRN, updating information in one system will not update the other. For amateurs, CORES registration will replace ULS 'TIN/Call Sign' registration, but the ULS will remain the Amateur Service licensing database within WTB, and only ULS will associate an individual with a particular call sign and FRN. Once CORES/FRN becomes mandatory, those registering in ULS will be redirected to CORES registration.

Going away December 3 will be the so-called Assigned Taxpayer Identification Number, or ATIN, which the FCC has been issuing to applicants ineligible to obtain a Social Security Number, such as foreign applicants and club station licensees. An FCC Public Notice this week said applicants that have been using ATINs 'must now register in CORES.' The FCC said it will accept ATINs only 'during a short transitional period' after December 3.

CORES will offer exemptions to amateur clubs and to foreign entities not holding a TIN/SSN. Club station applicants also may use a trustee's TIN/SSN or a tax-exempt club's IRS-assigned EIN.

The WTB says that starting December 3, 'all passwords will be maintained in the CORES database.' Amateurs also may use FCC Form 160 to register in CORES, and those doing so will be mailed a CORES password for on-line access.

The FCC continues to work out the details of how amateurs, CORES and ULS will coexist. Amateur Service testing with CORES is planned for early November.

NNNN

/EX

So don't worry, your current study guides are still good ;-)

72/73

Trev

KG6CYN

-----Original Message-----

From: Mike Gipe <mgipe@reliablemeters.com>  
Date: Thu, 25 Oct 2001 07:47:51 -0700  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: FW: ARLB046 FCC clarifies CORES amateur implementation

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>  
> SB QST @ ARL \$ARLBoGuS046  
> ARLBoGuS046 FCC clarifies CORES amateur implementation  
>  
> The FCC confirmed today that the new Extra class test will comprise 50  
> questions: 3 questions covering technical topics, 2 questions about proper  
> operating practices, and 45 questions concerning proper use of the CORES  
> licensing system, including TIN, ULS, and ATIN usage. All VECs are to begin  
> using the new question pool beginning November 21.  
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Date: Thu, 25 Oct 2001 16:11:48 -0600  
From: "J. Medley" <jmedley@ix.netcom.com>  
To: qrp-1@lehigh.edu  
Subject: [109562] Zombie Shuffle tomorrow nite!  
Message-ID: <3BD88E24.B1036999@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi gang, just a reminder that the Zombie Shuffle is tomorrow (Friday) nite. As usual we have an all-star group of secret Elvis stations, and as a big surprise we'll have two Elvira stations! Bet you can't guess who they are. Okay, if you can, it's worth points :) But boy, are you guys gonna be surprised! If you need the rules and score sheet you can find them in a couple of places:

<http://www.fix.net/norcal.html>  
(look for the ghostly door)

<http://www.geocities.com/n0qt/zombie.htm>

AAAAAAHHHHHHH00000000000000!

Jan N0QT

Witchess and Grand Zombie #015

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Date: Thu, 25 Oct 2001 15:33:04 -0700 (PDT)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [109563] anything in louisville ky  
Message-ID: <20011025223304.85877.qmail@web14205.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I know, I'm behind time and at the last minute. So  
shot me.

Leaving for Louisville, Ky. at 0-DARK-30 in the  
morning. Staying till Monday morning. Visiting son and  
his wife. He is a med student at U.L.

Question, I may have some time to myself Sat.  
afternoon, Anything going on qrp or hamfest, swap  
meet.  
Also a good repeater pair for some of the local qrp  
types would be nice too.

73 and I'm off to the Bluegrass State.

replay off list plse.

Bill, KC4ATU

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Do You Yahoo!?  
Make a great connection at Yahoo! Personals.  
<http://personals.yahoo.com>

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Date: Thu, 25 Oct 2001 18:41:44 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: "Bruce Muscolino" <w6toy@erols.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109564] Re: This WAS thing  
Message-ID: <20011025224313.ZGII18052.imf22bis.bellsouth.net@[192.168.0.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/25/01 3:03 PM, Bruce Muscolino at w6toy@erols.com wrote:

>It seems to me that i read/heard that if you have them in your log entry  
>you don't need cards anymore. At any rate, SS is probably the best of  
>all places to find all states!

It used to be the case where the ARRL would accept contest log entries  
for DXCC, but that was MANY years ago. I don't know if they ever accepted  
contest log entries for WAS.

I looked it up. I've gotten a sweep five times (88, 89, 90, 92, 93) and  
worked all states once (95 - just missed YU/NWT for the sweep) in the SS  
SSB with 100 watts. It would be harder QRP, but doable. Easier on CW than  
SSB, if you are a good CW operator.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

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Date: Thu, 25 Oct 2001 17:44:03 -0500  
From: "Len Revelle" <lenrev@ameritech.net>  
To: <carlseye@tampabay.rr.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [109565] RE: kz5 calls  
Message-ID: <JDEJKNHICDBPHBFOCEJMCEHHCLAA.lenrev@ameritech.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Back in the '60s the Canal Zone amateurs used the 2x2 format but Novice  
Class licenses were identified by the letter "N" (and possibly others) as a  
third character in the suffix. When one upgraded he dropped the last letter  
and retained the 2x2 callsign. In other cases the Novice Class callsign  
substituted "W" for "K". KV4 (Virgin Islands) Novices used WV4 as a prefix  
as did KP4.

Len Revelle N9IJ  
AMA 60055 LSF 7492

QRP-ARCI#10923 QRP-L#2353  
ARS#1099 Live Wire#529  
lenrev@ameritech.net

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Date: Thu, 25 Oct 2001 15:50:08 -0700  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [109566] Re: Garden size G5RV  
Message-ID: <6506849CAEBBE24E913A22806016E40601502231@blaze.bcsc.gov.bc.ca>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

If the total length of the antenna is 60 feet, how can each side be 51 feet??? Which of these measurements is correct?

Doug VA7DD

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End of QRP-L Digest 2353  
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